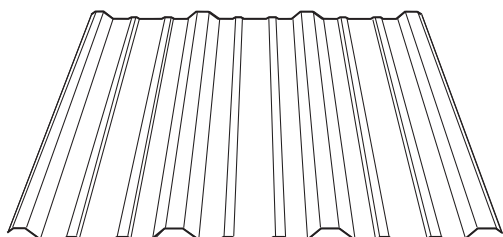
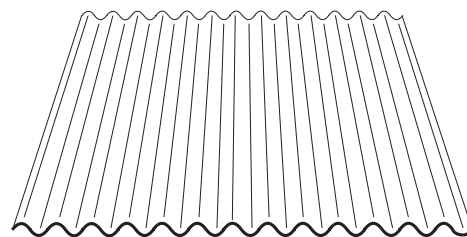


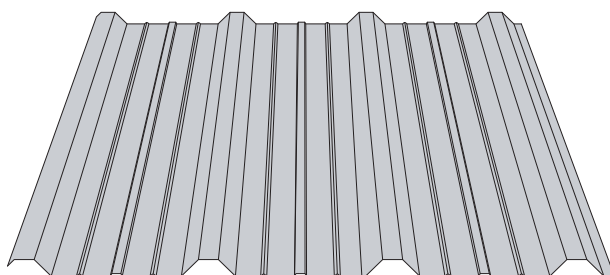
TremLock Exposed Fastener Panels



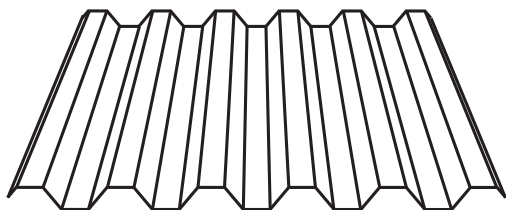
R Panel



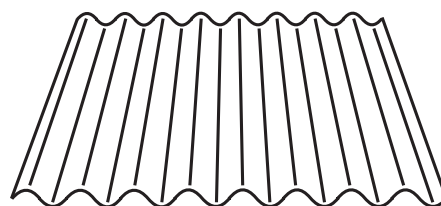
S Panel



R Plus Panel



7.2" Panel



M Panel

Handling & Installation

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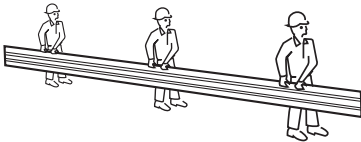
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Handling and Fastening Specifications

The information shown are suggestions or guidelines and are not intended to cover all applications or building requirements. It is the responsibility of the designer/installer to ensure that this information meets particular building conditions and/or code requirements. It is also the responsibility of the installer to ensure that all OSHA and/or safety requirements are understood and met. Tremco Roofing and Building Maintenance shall not be liable for any claim or claims which arise out of the handling or installation of the material.

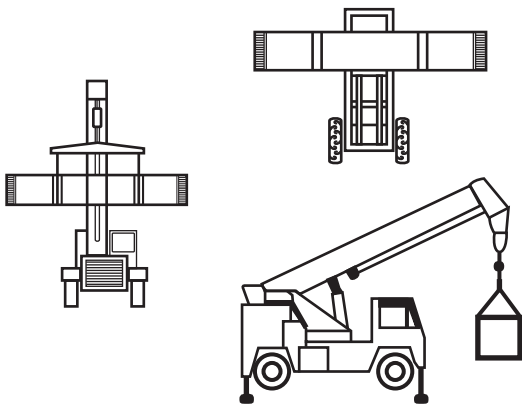
GENERAL HANDLING

When handling metal panels, care should be taken to protect the finish from scratching or abrasion. Dragging panels across one another will unnecessarily increase the risk of scratching. Individual panels should be carried vertical to the ground by grasping the edge of the panel.



MECHANICAL HANDLING

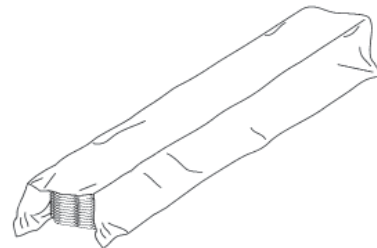
A forklift or crane can be used to handle unopened bundles up to 25' in length. For forklift unloading, forks should be spread to maximum width and placed at center line weight distribution of bundle. For crane unloading, a spreader bar should be used to evenly distribute the weight of the bundle. Cable supports will cause damage to the panels and should not be used.



STORAGE AND PROTECTION

Bundled material should be kept dry and above ground. Material should be tarped (not with plastic) or protected from weather conditions by other means. Allow for proper air circulation to prevent moisture buildup under tarp. Elevate one end of the bundles to allow for moisture runoff. If the panels become wet, all panels should be removed from bundles and individually dried.

Prolonged storage of panels is not recommended. If conditions do not permit immediate installation, extra care should be taken to protect sheets from developing white/red rust or watermarks.



PANEL INSPECTION

All bundles of panels should be inspected upon delivery from Tremco Roofing and Building Maintenance. Any damage or moisture present on panels should be reported to carrier and noted on bill of lading. In addition, Tremco Roofing and Building Maintenance must be notified of damage or moisture within 48 hours of discovery.

FIELD CUTTING

Some field cutting and fitting of panels is to be expected by the installer and minor field corrections are a part of normal installation work. Always cut one panel at a time. For small cuts, hand-held shears or electric nibblers are recommended. For best cutting results a panel shear is recommended. Shears and nibblers are available through Tremco Roofing and Building Maintenance. Cutting of panels and driving of fasteners will create metal shavings. These metal shavings must be swept or removed from the panel surface. Failure to do so will cause rust stains on the panel surface and will void any warranty.

SAMPLE CALCULATIONS FOR ROOF PANEL

SYMBOL

A. SELECT PANEL FOR DEAD + LIVE LOAD

REQUIRED INFORMATION:

Purlin Spacing (FT) SPAC
Live Load (PSF) LIVE
Panel Dead Load (PSF) DEAD
Span Length (FT)
Number of Spans

CALCULATE TOTAL LOAD (PSF) TOTAL

Total = Dead + Live

FIND THE ALLOWABLE LOAD IN THE LOAD TABLES LOAD

Use the continuous load tables for the number of spans, the panel gauge and the span length required. The value will be found under the heading Live. The trial panel is acceptable if LOAD is greater than or equal to the TOTAL.

B. CHECK THE TRIAL PANEL FOR WIND LOAD

REQUIRED INFORMATION:

Purlin Spacing (FT) - SPAC
Wind Load (PSF) WIND
Panel Dead Load (PSF) DEAD
Span Length (FT)
Number of Spans
Roof Uplift Coefficient RCOEF

CALCULATE TOTAL LOAD (PSF) TOTAL

Total = (WIND X RCOEF - DEAD)

FIND THE ALLOWABLE LOAD IN THE LOAD TABLES LOAD

Use the continuous load tables for the number of spans, the panel gauge and the span length required. The value will be found under the heading Negative Wind. The trial panel is acceptable if LOAD is greater than or equal to the TOTAL.

C. CHECK THE TRIAL PANEL FOR DEFLECTION

REQUIRED INFORMATION:

Purlin Spacing (FT) - SPAC
Deflection Requirement DR
Example - L/180 DR

CALCULATE ALLOWABLE DEFLECTION (IN) DA

USE TOTAL and enter tables under the deflection requirement. The trial panel is acceptable if LOAD is greater than or equal to TOTAL.

NUMERICAL EXAMPLE FOR ROOF PANEL

A. SELECT PANEL FOR DEAD + LIVE LOAD

The following values are assumed for the example

Live Load	20 PSF
Wind Load	20 PSF
Purlin Spacing	5.5 FT.
Number of Spans	4 (Uniform)
Deflection Limit	L/180
Trial Panel	Mega_Rib, 29 GA., 80 KSI Yield
Weight of Panel	.75 PSF from Panel Properties Table

CALCULATE TOTAL APPLIED LOAD

$$\text{Total} = .75 + 20 = 20.75 \text{ PSF}$$

FIND THE ALLOWABLE LOAD IN THE LOAD TABLE

From the load table for MEGA-RIB panel, continuous load tables, 4 span condition, 29 GA. and FY = 80, the values for load are:

SPAN	LOAD
5.5 ft.	38 PSF

Load = 38 PSF - This is greater than 20.75.
The trial panel is okay for DEAD + LIVE LOAD.

B. CHECK THE TRIAL PANEL FOR DEFLECTION

REQUIRED INFORMATION:

Distance Between Supports	5.5 ft.
Deflection Requirements	L/180
Value for Deflection From Load Table	

SPAN	DEFL
5.5 ft.	72 PSF

Load = 72 psf - This is greater than 20.75.
The trial panel is okay for Deflection.

C. CHECK THE TRIAL PANEL FOR WIND LOAD

REQUIRED INFORMATION:

Purlin Spacing	5.5 FT.
Wind Load	20 PSF
Panel Dead Load	.75 PSF
Number of Spans	4 (Uniform)
Roof Uplift Coefficient	1.2

CALCULATE THE NET UPLIFT

$$\text{TOTAL} = (20 \times 1.2 - .75) = 23.25 \text{ PSF}$$

FIND THE ALLOWABLE LOAD IN THE LOAD TABLE (SAME CONDITIONS AS IN "A")

SPAN
5.5 ft.

LOAD
47 PSF

It is conservative to use the value for the larger span.
Load = 47 PSF - This is greater than 23.25
The trial panel is okay for wind load.

SAMPLE CALCULATIONS FOR WALL PANEL

SYMBOL

A. SELECT PANEL FOR DEAD + WIND LOAD

REQUIRED INFORMATION:

Girt Spacing (FT)
Wind Load (PSF)
Wall Wind Coefficient
Number of Spans

SPAC
WIND
WCOEF

CALCULATE TOTAL LOAD (PSF)

Total = Wind x WCOEF

TOTAL

FIND THE ALLOWABLE LOAD IN THE LOAD TABLES

Use the continuous load tables for the number of spans, the panel gauge and the span length required. The value will be found under the heading Negative or Positive Wind. The trial panel is acceptable if LOAD is greater than or equal to the TOTAL.

LOAD

NUMERICAL EXAMPLE FOR WALL PANEL

A. CHECK TRIAL PANEL DEAD + WIND LOAD

The following values are assumed for this example:
Wind Load
Girt Spacing
Wall Wind Coefficient
Number of Panel Spans
Trial Panel

25 PSF
6 ft.
1.2
2 (Uniform)
Mega-Rib,
29 GA., 80
KSI Yield

CALCULATE TOTAL LOAD (PSF)

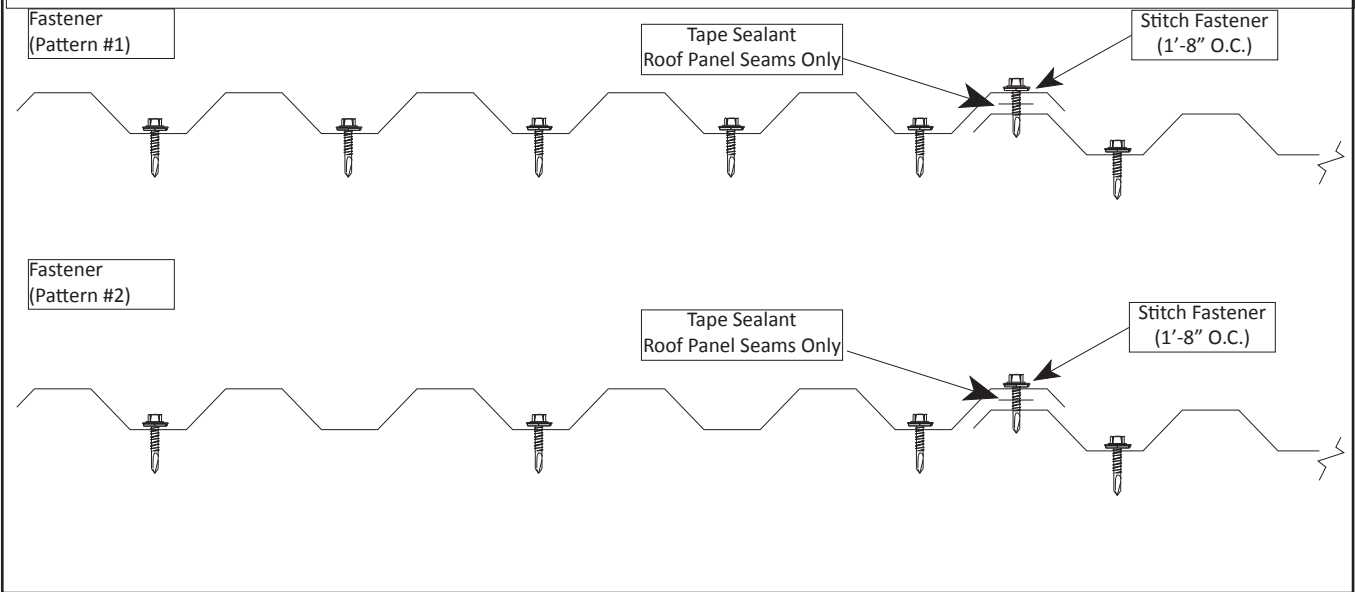
Total = 25 x 1.2 = 30 PSF

TOTAL

FIND THE ALLOWABLE LOAD IN THE LOAD TABLE

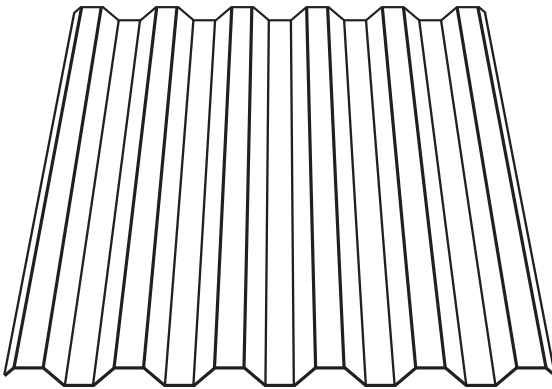
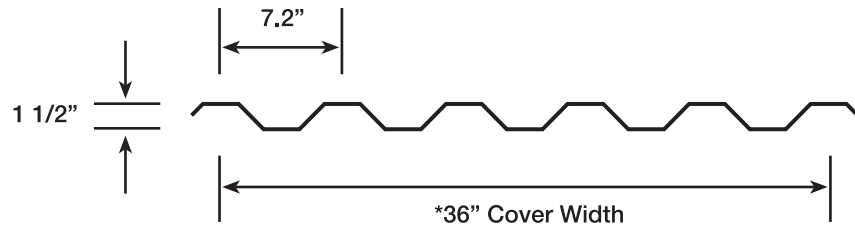
From the load table for MEGA-RIB panel, continuous load tables, 2 span condition, 29 GA. and FY = 80.
Load = 32 PSF - This is greater than 30.
The trial panel is okay for dead + wind load.

TremLock 7.2"

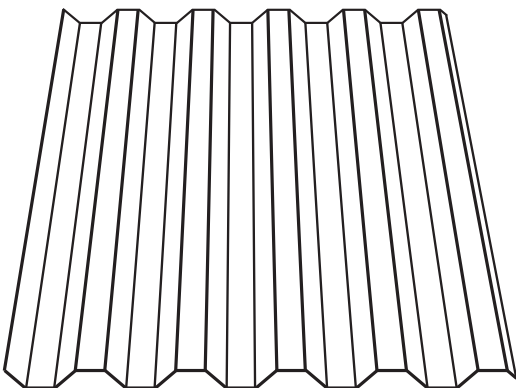
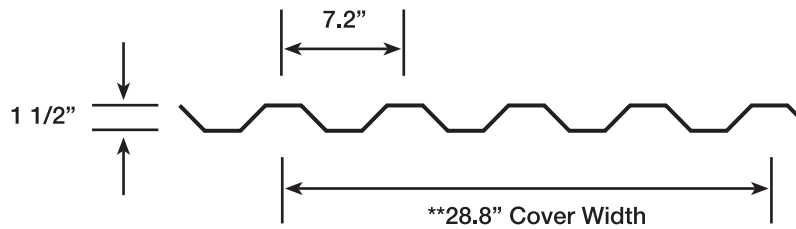


TremLock 7.2" Panel

PANEL PROFILES



* Standard for 29, 24, 22, 20, and 18 gauge material. Also available in 26 ga. However, customer must specify if 26 ga is required.



** Standard for 26 ga material.

TremLock 7.2" Panel

SECTION PROPERTIES AND LOAD TABLES



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
29	80.0	0.75	0.3200	76.91	170.63	0.0533	0.0600	2.1563	0.0507	0.0529	1.8990

1. Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
2. V_a is the allowable shear.
3. P_a is the allowable load for web crippling on end & interior supports. **MUST BE VERIFIED BY TESTS.**
4. I_x is for deflection determination.
5. S_e is for bending.
6. M_a is the allowable bending moment.
7. All values are for one foot of panel width.

Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	146	110	88	73	62	55	48	44	40	36	33	29	25	22	19	17
	Negative Wind	426	316	202	140	103	79	62	50	41	35	29	25	22	19	17	15
	Live	146	110	88	73	62	55	48	44	40	36	33	29	25	22	19	17
	Deflection (L/180)	500	500	298	172	108	72	51	37	28	21	16	13	11	9	7	6
	Deflection (L/240)	500	436	223	129	81	54	38	27	21	16	12	10	8	6	5	4
2 Span	Positive Wind	130	97	78	65	55	48	43	39	35	32	28	24	21	18	16	15
	Negative Wind	301	208	152	116	91	73	60	50	42	36	31	27	23	21	18	16
	Live	130	97	78	65	55	48	43	39	35	32	28	24	21	18	16	15
	Deflection (L/180)	500	500	500	405	255	171	120	87	65	50	39	31	25	21	17	15
	Deflection (L/240)	500	500	500	304	191	128	90	65	49	38	29	23	19	16	13	11
3 Span	Positive Wind	148	111	88	74	63	55	49	44	40	37	34	29	26	23	20	18
	Negative Wind	324	229	171	132	105	85	71	59	50	43	37	33	29	25	23	20
	Live	148	111	88	74	63	55	49	44	40	37	34	29	26	23	20	18
	Deflection (L/180)	500	500	500	317	200	134	94	68	51	39	31	25	20	16	13	11
	Deflection (L/240)	500	500	411	238	150	100	70	51	38	29	23	18	15	12	10	8
4 Span	Positive Wind	142	106	85	71	61	53	47	42	38	35	32	27	24	21	19	17
	Negative Wind	317	223	165	127	101	82	67	56	47	41	35	31	27	24	21	19
	Live	142	106	85	71	61	53	47	42	38	35	32	27	24	21	19	17
	Deflection (L/180)	500	500	500	337	212	142	99	72	54	42	33	26	21	17	14	12
	Deflection (L/240)	500	500	437	252	159	106	74	54	41	31	24	19	16	13	11	9

Notes:

1. Allowable uniform loads are based upon equal span lengths.
2. Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
3. Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
4. Live is the allowable live or snow load.
5. Deflection (L/180) is the allowable load that limits the panel's deflection to L/180 while under positive or live load.
6. Deflection (L/240) is the allowable load that limits the panel's deflection to L/240 while under positive or live load.
7. The weight of the panel has **NOT** been deducted from the allowable loads.
8. Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
9. Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".
10. Web crippling values are determined using a ratio of the uniform load **actually** supported by the top flanges of the section.
11. Load tables are limited to a maximum allowable load of 500 psf.

TremLock 7.2" Panel

SECTION PROPERTIES AND LOAD TABLES



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
26	50.0	0.94	0.6354	115.65	235.02	0.0733	0.0871	2.6087	0.0727	0.0821	2.4590

1. Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
2. V_a is the allowable shear.
3. P_a is the allowable load for web crippling on end & interior supports. **MUST BE VERIFIED BY TESTS.**
4. I_x is for deflection determination.
5. S_e is for bending.
6. M_a is the allowable bending moment.
7. All values are for one foot of panel width.

Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	220	165	132	110	94	82	73	66	57	48	41	35	30	27	24	21
	Negative Wind	500	409	262	182	133	102	80	65	54	45	38	33	29	25	22	20
	Live	220	165	132	110	94	82	73	66	57	48	41	35	30	27	24	21
	Deflection (L/180)	500	500	410	237	149	100	70	51	38	29	23	18	15	12	10	8
	Deflection (L/240)	500	500	307	177	112	75	52	38	28	22	17	14	11	9	7	6
2 Span	Positive Wind	179	134	107	89	76	67	59	53	48	43	37	32	28	25	22	19
	Negative Wind	500	330	229	167	127	99	80	65	54	46	39	34	30	26	23	21
	Live	179	134	107	89	76	67	59	53	48	43	37	32	28	25	22	19
	Deflection (L/180)	500	500	500	500	358	240	168	122	92	71	55	44	36	30	25	21
	Deflection (L/240)	500	500	500	426	268	180	126	92	69	53	41	33	27	22	18	15
3 Span	Positive Wind	204	153	122	102	87	76	68	61	55	51	46	40	35	31	27	24
	Negative Wind	500	379	268	199	153	120	97	80	67	57	49	42	37	32	29	26
	Live	204	153	122	102	87	76	68	61	55	51	46	40	35	31	27	24
	Deflection (L/180)	500	500	500	445	280	188	132	96	72	55	43	35	28	23	19	16
	Deflection (L/240)	500	500	500	334	210	141	99	72	54	41	32	26	21	17	14	12
4 Span	Positive Wind	196	147	117	98	84	73	65	58	53	49	43	37	33	29	25	23
	Negative Wind	500	364	256	189	144	114	92	75	63	53	46	39	34	30	27	24
	Live	196	147	117	98	84	73	65	58	53	49	43	37	33	29	25	23
	Deflection (L/180)	500	500	500	473	298	199	140	102	76	59	46	37	30	24	20	17
	Deflection (L/240)	500	500	500	355	223	149	105	76	57	44	34	27	22	18	15	13

Notes:

1. Allowable uniform loads are based upon equal span lengths.
2. Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
3. Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
4. Live is the allowable live or snow load.
5. Deflection (L/180) is the allowable load that limits the panel's deflection to L/180 while under positive or live load.
6. Deflection (L/240) is the allowable load that limits the panel's deflection to L/240 while under positive or live load.
7. The weight of the panel has **NOT** been deducted from the allowable loads.
8. Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
9. Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".
10. Web crippling values are determined using a ratio of the uniform load **actually** supported by the top flanges of the section.
11. Load tables are limited to a maximum allowable load of 500 psf.

TremLock 7.2" Panel

SECTION PROPERTIES AND LOAD TABLES



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
26	50.0	0.94	0.6354	115.65	235.02	0.0733	0.0871	2.6087	0.0727	0.0821	2.4590

1. Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
2. V_a is the allowable shear.
3. P_a is the allowable load for web crippling on end & interior supports. **MUST BE VERIFIED BY TESTS.**
4. I_x is for deflection determination.
5. S_e is for bending.
6. M_a is the allowable bending moment.
7. All values are for one foot of panel width.

Allowable Uniform Loads (PSF)

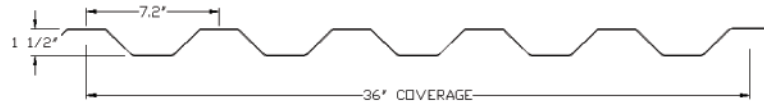
		Span in Feet															
Span Type	Load Type	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	220	165	132	110	94	82	73	66	57	48	41	35	30	27	24	21
	Negative Wind	500	409	262	182	133	102	80	65	54	45	38	33	29	25	22	20
	Live	220	165	132	110	94	82	73	66	57	48	41	35	30	27	24	21
	Deflection (L/180)	500	500	410	237	149	100	70	51	38	29	23	18	15	12	10	8
	Deflection (L/240)	500	500	307	177	112	75	52	38	28	22	17	14	11	9	7	6
2 Span	Positive Wind	179	134	107	89	76	67	59	53	48	43	37	32	28	25	22	19
	Negative Wind	500	330	229	167	127	99	80	65	54	46	39	34	30	26	23	21
	Live	179	134	107	89	76	67	59	53	48	43	37	32	28	25	22	19
	Deflection (L/180)	500	500	500	500	358	240	168	122	92	71	55	44	36	30	25	21
	Deflection (L/240)	500	500	500	426	268	180	126	92	69	53	41	33	27	22	18	15
3 Span	Positive Wind	204	153	122	102	87	76	68	61	55	51	46	40	35	31	27	24
	Negative Wind	500	379	268	199	153	120	97	80	67	57	49	42	37	32	29	26
	Live	204	153	122	102	87	76	68	61	55	51	46	40	35	31	27	24
	Deflection (L/180)	500	500	500	445	280	188	132	96	72	55	43	35	28	23	19	16
	Deflection (L/240)	500	500	500	334	210	141	99	72	54	41	32	26	21	17	14	12
4 Span	Positive Wind	196	147	117	98	84	73	65	58	53	49	43	37	33	29	25	23
	Negative Wind	500	364	256	189	144	114	92	75	63	53	46	39	34	30	27	24
	Live	196	147	117	98	84	73	65	58	53	49	43	37	33	29	25	23
	Deflection (L/180)	500	500	500	473	298	199	140	102	76	59	46	37	30	24	20	17
	Deflection (L/240)	500	500	500	355	223	149	105	76	57	44	34	27	22	18	15	13

Notes:

1. Allowable uniform loads are based upon equal span lengths.
2. Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
3. Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
4. Live is the allowable live or snow load.
5. Deflection (L/180) is the allowable load that limits the panel's deflection to L/180 while under positive or live load.
6. Deflection (L/240) is the allowable load that limits the panel's deflection to L/240 while under positive or live load.
7. The weight of the panel has **NOT** been deducted from the allowable loads.
8. Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
9. Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".
10. Web crippling values are determined using a ratio of the uniform load **actually** supported by the top flanges of the section.
11. Load tables are limited to a maximum allowable load of 500 psf.

TremLock 7.2" Panel

SECTION PROPERTIES AND LOAD TABLES



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
20	50.0	1.87	2.6933	573.94	1019.06	0.1700	0.2161	6.4700	0.1700	0.2079	6.2267

1. Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
2. V_a is the allowable shear.
3. P_a is the allowable load for web crippling on end & interior supports. **MUST BE VERIFIED BY TESTS.**
4. I_x is for deflection determination.
5. S_e is for bending.
6. M_a is the allowable bending moment.
7. All values are for one foot of panel width.

Allowable Uniform Loads (PSF)

		Span in Feet															
Span Type	Load Type	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	500	500	500	479	352	269	213	172	142	119	102	88	76	67	59	53
	Negative Wind	500	500	500	461	338	259	204	166	137	115	98	84	73	64	57	51
	Live	500	500	500	479	352	269	213	172	142	119	102	88	76	67	59	53
	Deflection (L/180)	500	500	500	500	346	232	163	118	89	68	54	43	35	29	24	20
	Deflection (L/240)	500	500	500	412	259	174	122	89	66	51	40	32	26	21	18	15
2 Span	Positive Wind	500	500	467	389	326	252	200	163	135	113	97	83	73	64	57	50
	Negative Wind	500	500	640	454	338	261	207	169	140	118	100	87	76	66	59	52
	Live	500	500	467	389	326	252	200	163	135	113	97	83	73	64	57	50
	Deflection (L/180)	500	500	500	500	500	500	392	286	215	165	130	104	84	69	58	49
	Deflection (L/240)	500	500	500	500	500	419	294	214	161	124	97	78	63	52	43	36
3 Span	Positive Wind	500	500	500	442	379	311	248	202	167	141	120	104	91	80	71	63
	Negative Wind	500	500	500	500	416	322	257	209	174	146	125	108	94	83	73	65
	Live	500	500	500	442	379	311	248	202	167	141	120	104	91	80	71	63
	Deflection (L/180)	500	500	500	500	500	438	307	224	168	129	102	81	66	54	45	38
	Deflection (L/240)	500	500	500	500	490	328	230	168	126	97	76	61	49	41	34	28
4 Span	Positive Wind	500	500	500	425	364	292	232	189	157	132	113	97	85	74	66	59
	Negative Wind	500	500	500	500	390	302	240	196	162	137	117	101	88	77	69	61
	Live	500	500	500	425	364	292	232	189	157	132	113	97	85	74	66	59
	Deflection (L/180)	500	500	500	500	500	465	326	238	178	137	108	86	70	58	48	40
	Deflection (L/240)	500	500	500	500	500	348	244	178	134	103	81	65	52	43	36	30

Notes:

1. Allowable uniform loads are based upon equal span lengths.
2. Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
3. Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
4. Live is the allowable live or snow load.
5. Deflection (L/180) is the allowable load that limits the panel's deflection to L/180 while under positive or live load.
6. Deflection (L/240) is the allowable load that limits the panel's deflection to L/240 while under positive or live load.
7. The weight of the panel has **NOT** been deducted from the allowable loads.
8. Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
9. Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".
10. Web crippling values are determined using a ratio of the uniform load **actually** supported by the top flanges of the section.
11. Load tables are limited to a maximum allowable load of 500 psf.

TremLock 7.2" Panel

SECTION PROPERTIES AND LOAD TABLES



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a,end} lbs/ft.	P _{a,int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
18	50,0	2.40	3.4373	966.07	1686.14	0,2267	0,2987	8,9433	0,2300	0,2893	8,6567

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allowable shear.
- P_a is the allowable load for web crippling on end & interior supports. **MUST BE VERIFIED BY TESTS.**
- I_x is for deflection determination.
- S_e is for bending.
- M_a is the allowable bending moment.
- All values are for one foot of panel width.

Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	500	500	500	500	486	372	294	238	197	165	141	121	105	93	82	73
	Negative Wind	500	500	500	500	471	360	284	230	190	160	136	117	102	90	79	71
	Live	500	500	500	500	486	372	294	238	197	165	141	121	105	93	82	73
	Deflection (L/180)	500	500	500	500	462	309	217	158	119	91	72	57	46	38	32	27
	Deflection (L/240)	500	500	500	500	346	232	163	118	89	68	54	43	35	29	24	20
2 Span	Positive Wind	500	500	500	500	451	348	277	225	187	157	134	116	101	89	79	70
	Negative Wind	500	500	500	500	464	359	286	233	193	162	139	120	104	92	81	73
	Live	500	500	500	500	451	348	277	225	187	157	134	116	101	89	79	70
	Deflection (L/180)	500	500	500	500	500	500	500	384	288	222	175	140	113	93	78	65
	Deflection (L/240)	500	500	500	500	500	500	395	288	216	166	131	105	85	70	58	49
3 Span	Positive Wind	500	500	500	500	500	430	343	279	232	196	167	144	126	111	98	88
	Negative Wind	500	500	500	500	500	442	353	288	239	202	172	149	130	114	101	91
	Live	500	500	500	500	500	430	343	279	232	196	167	144	126	111	98	88
	Deflection (L/180)	500	500	500	500	500	500	413	301	226	174	137	109	89	73	61	51
	Deflection (L/240)	500	500	500	500	500	441	310	225	169	130	102	82	66	55	45	38
4 Span	Positive Wind	500	500	500	500	500	403	321	262	217	183	156	135	118	104	92	82
	Negative Wind	500	500	500	500	500	415	331	270	224	189	161	139	122	107	95	85
	Live	500	500	500	500	500	403	321	262	217	183	156	135	118	104	92	82
	Deflection (L/180)	500	500	500	500	500	500	438	319	240	185	145	116	94	78	65	54
	Deflection (L/240)	500	500	500	500	500	468	329	239	180	138	109	87	71	58	48	41

Notes:

- Allowable uniform loads are based upon equal span lengths.
- Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
- Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
- Live is the allowable live or snow load.
- Deflection (L/180) is the allowable load that limits the panel's deflection to L/180 while under positive or live load.
- Deflection (L/240) is the allowable load that limits the panel's deflection to L/240 while under positive or live load.
- The weight of the panel has **NOT** been deducted from the allowable loads.
- Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
- Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".
- Web crippling values are determined using a ratio of the uniform load **actually** supported by the top flanges of the section.
- Load tables are limited to a maximum allowable load of 500 psf.

TremLock 7.2" Panel

SECTION PROPERTIES AND LOAD TABLES



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
26	80.0	0.94	0.6354	135.78	282.02	0.0717	0.0847	3.0400	0.0700	0.0772	2.7733

1. Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
2. V_a is the allowable shear.
3. P_a is the allowable load for web crippling on end & interior supports. **MUST BE VERIFIED BY TESTS.**
4. I_x is for deflection determination.
5. S_e is for bending.
6. M_a is the allowable bending moment.
7. All values are for one foot of panel width.

Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	265	198	159	132	113	99	88	79	66	56	47	41	36	31	28	25
	Negative Wind	500	462	295	205	150	115	91	73	61	51	43	37	32	28	25	22
	Live	265	198	159	132	113	99	88	79	66	56	47	41	36	31	28	25
	Deflection (L/180)	500	500	401	232	146	97	68	50	37	29	22	18	14	12	10	8
	Deflection (L/240)	500	500	300	174	109	73	51	37	28	21	17	13	11	9	7	6
2 Span	Positive Wind	215	161	129	107	92	80	71	64	58	49	42	36	31	28	25	22
	Negative Wind	500	358	253	187	143	113	91	75	62	53	45	39	34	30	27	24
	Live	215	161	129	107	92	80	71	64	58	49	42	36	31	28	25	22
	Deflection (L/180)	500	500	500	500	347	233	163	119	89	69	54	43	35	29	24	20
	Deflection (L/240)	500	500	500	414	260	174	122	89	67	51	40	32	26	21	18	15
3 Span	Positive Wind	244	183	146	122	104	91	81	73	66	60	51	45	39	34	30	27
	Negative Wind	500	406	292	220	170	135	110	91	76	65	56	48	42	37	33	30
	Live	244	183	146	122	104	91	81	73	66	60	51	45	39	34	30	27
	Deflection (L/180)	500	500	500	432	272	182	128	93	70	54	42	34	27	22	19	16
	Deflection (L/240)	500	500	500	324	204	136	96	70	52	40	31	25	20	17	14	12
4 Span	Positive Wind	235	176	141	117	101	88	78	70	64	56	48	42	36	32	29	25
	Negative Wind	500	391	280	209	162	128	104	86	72	61	52	45	40	35	31	28
	Live	235	176	141	117	101	88	78	70	64	56	48	42	36	32	29	25
	Deflection (L/180)	500	500	500	459	289	193	136	99	74	57	45	36	29	24	20	17
	Deflection (L/240)	500	500	500	344	217	145	102	74	55	43	33	27	22	18	15	12

Notes:

1. Allowable uniform loads are based upon equal span lengths.
2. Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
3. Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
4. Live is the allowable live or snow load.
5. Deflection (L/180) is the allowable load that limits the panel's deflection to L/180 while under positive or live load.
6. Deflection (L/240) is the allowable load that limits the panel's deflection to L/240 while under positive or live load.
7. The weight of the panel has **NOT** been deducted from the allowable loads.
8. Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
9. Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".
10. Web crippling values are determined using a ratio of the uniform load **actually** supported by the top flanges of the section.
11. Load tables are limited to a maximum allowable load of 500 psf.

TremLock 7.2" Panel

SECTION PROPERTIES AND LOAD TABLES



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
24	50.0	1.18	1.2177	204.92	390.57	0.0970	0.1179	3.5300	0.0970	0.1125	3.3700

1. Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
2. V_a is the allowable shear.
3. P_a is the allowable load for web crippling on end & interior supports. **MUST BE VERIFIED BY TESTS.**
4. I_x is for deflection determination.
5. S_e is for bending.
6. M_a is the allowable bending moment.
7. All values are for one foot of panel width.

Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	391	293	234	195	167	146	116	94	77	65	55	48	41	36	32	29
	Negative Wind	500	500	359	249	183	140	110	89	74	62	53	45	39	35	31	27
	Live	391	293	234	195	167	146	116	94	77	65	55	48	41	36	32	29
	Deflection (L/180)	500	500	500	314	197	132	93	67	50	39	30	24	20	16	13	11
	Deflection (L/240)	500	500	406	235	148	99	69	50	38	29	23	18	15	12	10	8
2 Span	Positive Wind	298	223	179	149	127	111	99	87	72	61	52	45	39	34	30	27
	Negative Wind	500	500	339	242	181	140	112	91	75	64	54	47	41	36	32	28
	Live	298	223	179	149	127	111	99	87	72	61	52	45	39	34	30	27
	Deflection (L/180)	500	500	500	500	476	319	224	163	122	94	74	59	48	39	33	28
	Deflection (L/240)	500	500	500	500	357	239	168	122	92	70	55	44	36	29	24	21
3 Span	Positive Wind	339	254	203	169	145	127	113	101	90	76	65	56	49	43	38	34
	Negative Wind	500	500	407	294	221	172	138	113	94	79	67	58	51	45	40	35
	Live	339	254	203	169	145	127	113	101	90	76	65	56	49	43	38	34
	Deflection (L/180)	500	500	500	500	373	249	175	127	96	74	58	46	37	31	26	21
	Deflection (L/240)	500	500	500	444	279	187	131	95	72	55	43	34	28	23	19	16
4 Span	Positive Wind	326	244	195	163	139	122	108	97	84	71	60	52	45	40	35	32
	Negative Wind	500	500	385	277	208	162	129	105	88	74	63	54	48	42	37	33
	Live	326	244	195	163	139	122	108	97	84	71	60	52	45	40	35	32
	Deflection (L/180)	500	500	500	500	396	265	186	135	102	78	61	49	40	33	27	23
	Deflection (L/240)	500	500	500	471	297	199	139	101	76	58	46	37	30	24	20	17

Notes:

1. Allowable uniform loads are based upon equal span lengths.
2. Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
3. Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
4. Live is the allowable live or snow load.
5. Deflection (L/180) is the allowable load that limits the panel's deflection to L/180 while under positive or live load.
6. Deflection (L/240) is the allowable load that limits the panel's deflection to L/240 while under positive or live load.
7. The weight of the panel has **NOT** been deducted from the allowable loads.
8. Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
9. Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".
10. Web crippling values are determined using a ratio of the uniform load **actually** supported by the top flanges of the section.
11. Load tables are limited to a maximum allowable load of 500 psf.

TremLock 7.2" Panel

SECTION PROPERTIES AND LOAD TABLES



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
24	80.0	1.18	1.3116	245.91	468.68	0.0950	0.1143	4.1067	0.0953	0.1094	3.9300

1. Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
2. V_a is the allowable shear.
3. P_a is the allowable load for web crippling on end & interior supports. **MUST BE VERIFIED BY TESTS.**
4. I_x is for deflection determination.
5. S_e is for bending.
6. M_a is the allowable bending moment.
7. All values are for one foot of panel width.

Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1,50	2,00	2,50	3,00	3,50	4,00	4,50	5,00	5,50	6,00	6,50	7,00	7,50	8,00	8,50	9,00
Single	Positive Wind	469	352	281	234	201	171	135	109	90	76	64	55	48	42	37	33
	Negative Wind	500	500	419	291	213	163	129	104	86	72	62	53	46	40	36	32
	Live	469	352	281	234	201	171	135	109	90	76	64	55	48	42	37	33
	Deflection (L/180)	500	500	500	307	193	129	91	66	49	38	30	24	19	16	13	11
	Deflection (L/240)	500	500	398	230	145	97	68	49	37	28	22	18	14	12	10	8
2 Span	Positive Wind	358	268	214	179	153	134	119	101	84	71	60	52	45	40	35	32
	Negative Wind	500	500	388	278	209	162	129	105	88	74	63	54	47	42	37	33
	Live	358	268	214	179	153	134	119	101	84	71	60	52	45	40	35	32
	Deflection (L/180)	500	500	500	500	467	313	219	160	120	92	72	58	47	39	32	27
	Deflection (L/240)	500	500	500	500	350	234	164	120	90	69	54	43	35	29	24	20
3 Span	Positive Wind	406	305	244	203	174	152	135	122	104	88	75	65	57	50	44	39
	Negative Wind	500	500	464	337	255	199	159	130	108	91	78	68	59	52	46	41
	Live	406	305	244	203	174	152	135	122	104	88	75	65	57	50	44	39
	Deflection (L/180)	500	500	500	500	366	245	172	125	94	72	57	45	37	30	25	21
	Deflection (L/240)	500	500	500	435	274	183	129	94	70	54	42	34	27	22	19	16
4 Span	Positive Wind	391	293	235	195	167	146	130	117	97	82	70	61	53	47	41	37
	Negative Wind	500	500	439	318	240	187	149	122	101	86	73	63	55	49	43	38
	Live	391	293	235	195	167	146	130	117	97	82	70	61	53	47	41	37
	Deflection (L/180)	500	500	500	500	388	260	182	133	100	77	60	48	39	32	27	22
	Deflection (L/240)	500	500	500	462	291	195	137	99	75	57	45	36	29	24	20	17

Notes:

1. Allowable uniform loads are based upon equal span lengths.
2. Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
3. Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
4. Live is the allowable live or snow load.
5. Deflection (L/180) is the allowable load that limits the panel's deflection to L/180 while under positive or live load.
6. Deflection (L/240) is the allowable load that limits the panel's deflection to L/240 while under positive or live load.
7. The weight of the panel has **NOT** been deducted from the allowable loads.
8. Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
9. Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".
10. Web crippling values are determined using a ratio of the uniform load **actually** supported by the top flanges of the section.
11. Load tables are limited to a maximum allowable load of 500 psf.

TremLock 7.2" Panel

SECTION PROPERTIES AND LOAD TABLES



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
22	50.0	1.55	2.1356	382.58	694.15	0.1333	0.1689	5.0567	0.1367	0.1619	4.8500

1. Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
2. V_a is the allowable shear.
3. P_a is the allowable load for web crippling on end & interior supports. **MUST BE VERIFIED BY TESTS.**
4. I_x is for deflection determination.
5. S_e is for bending.
6. M_a is the allowable bending moment.
7. All values are for one foot of panel width.

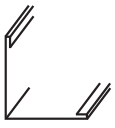
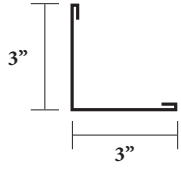
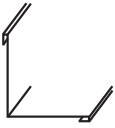
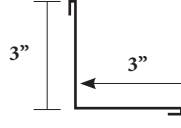
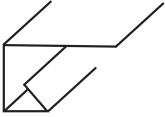
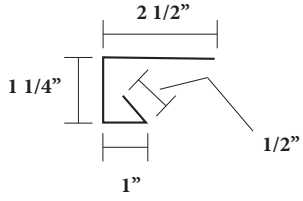

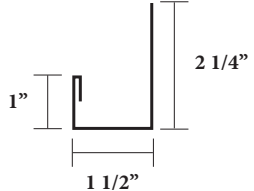
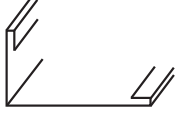
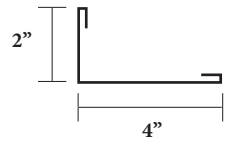
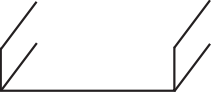
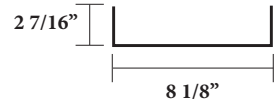
Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	500	500	438	365	275	210	166	134	111	93	79	68	59	52	46	41
	Negative Wind	500	500	500	359	263	202	159	129	106	89	76	65	57	50	44	39
	Live	500	500	438	365	275	210	166	134	111	93	79	68	59	52	46	41
	Deflection (L/180)	500	500	500	431	271	182	127	93	70	53	42	33	27	22	18	15
	Deflection (L/240)	500	500	500	323	203	136	95	69	52	40	31	25	20	17	14	11
2 Span	Positive Wind	500	397	318	265	227	196	156	127	105	88	75	65	57	50	44	39
	Negative Wind	500	500	500	355	264	204	162	132	109	92	78	68	59	52	46	41
	Live	500	397	318	265	227	196	156	127	105	88	75	65	57	50	44	39
	Deflection (L/180)	500	500	500	500	500	444	311	227	170	131	103	82	67	55	46	38
	Deflection (L/240)	500	500	500	500	497	333	233	170	128	98	77	62	50	41	34	29
3 Span	Positive Wind	500	452	361	301	258	226	193	157	130	110	94	81	71	62	55	49
	Negative Wind	500	500	500	435	325	252	201	164	136	114	98	84	73	65	57	51
	Live	500	452	361	301	258	226	193	157	130	110	94	81	71	62	55	49
	Deflection (L/180)	500	500	500	500	500	347	244	178	133	103	81	64	52	43	36	30
	Deflection (L/240)	500	500	500	500	389	260	183	133	100	77	60	48	39	32	27	22
4 Span	Positive Wind	500	435	348	290	248	217	181	147	122	103	88	76	66	58	51	46
	Negative Wind	500	500	500	409	305	236	188	153	127	107	91	79	69	60	53	48
	Live	500	435	348	290	248	217	181	147	122	103	88	76	66	58	51	46
	Deflection (L/180)	500	500	500	500	500	369	259	189	142	109	86	68	56	46	38	32
	Deflection (L/240)	500	500	500	500	413	277	194	141	106	82	64	51	42	34	28	24

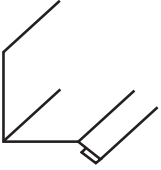
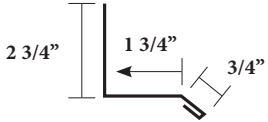
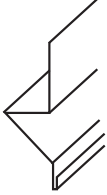
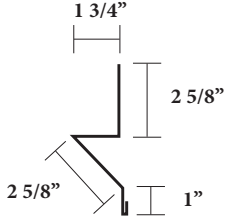
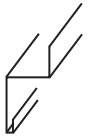
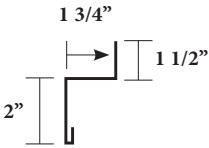
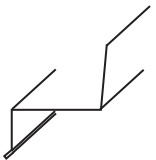
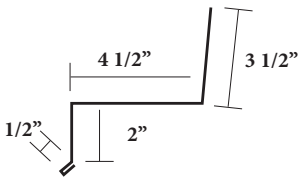
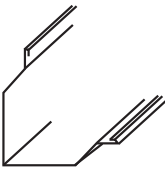
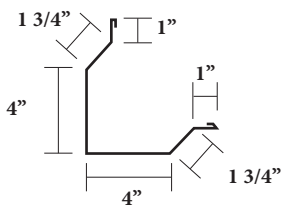
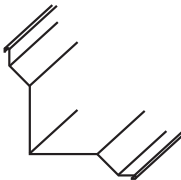
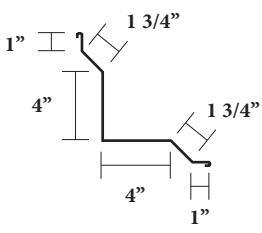
Notes:

1. Allowable uniform loads are based upon equal span lengths.
2. Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
3. Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
4. Live is the allowable live or snow load.
5. Deflection (L/180) is the allowable load that limits the panel's deflection to L/180 while under positive or live load.
6. Deflection (L/240) is the allowable load that limits the panel's deflection to L/240 while under positive or live load.
7. The weight of the panel has **NOT** been deducted from the allowable loads.
8. Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
9. Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".
10. Web crippling values are determined using a ratio of the uniform load **actually** supported by the top flanges of the section.
11. Load tables are limited to a maximum allowable load of 500 psf.

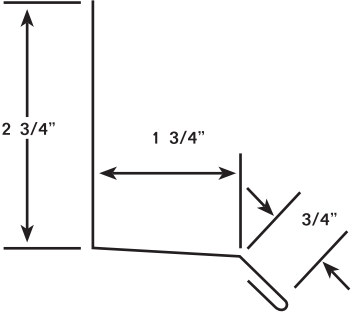
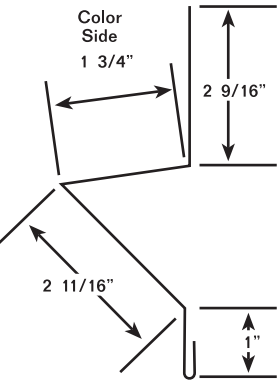
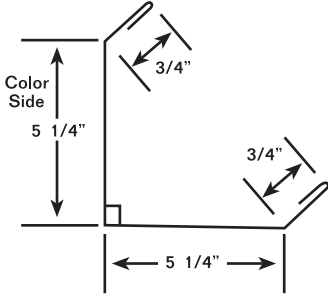
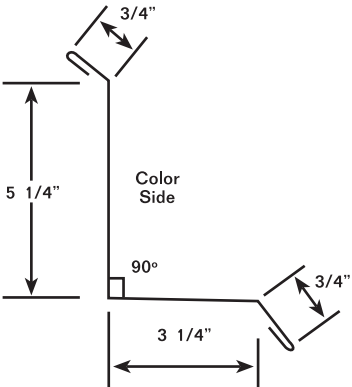
Tremlock 7.2" Panel - Trim

Product	GAUGE	UNIT OF MEASURE	LENGTH	WEIGHT	PRICING		Profiles & Dimensions
					BARE	PAINTED	
 Outside Angle Trim	26	EACH	10'-3"	4.65			
	26	EACH	14'-3"	6.58			
 Inside Angle Trim	26	EACH	10'-3"	4.65			
	26	EACH	14'-3"	6.58			
 Jamb Trim	26	EACH	10'-3"	3.60			
	26	EACH	14'-3"	5.00			
 Head Trim	26	EACH	10'-3"	3.60			
	26	EACH	14'-3"	5.00			
 Mini Jamb-Header Cover	26	EACH	7'-1"	3.75			
	26	EACH	8'-1"	4.25			
	26	EACH	9'-1"	4.80			
 Jamb-Header Cover	26	EACH	10'-3"	8.40			
	26	EACH	14'-3"	11.75			

Tremlock 7.2" Panel - Trim

Product	GAUGE	UNIT OF MEASURE	LENGTH	WEIGHT	PRICING		Profiles & Dimensions
					BARE	PAINTED	
 Simple Base Trim	26	EACH	10'-3"	3.80			
	26	EACH	14'-3"	5.32			
 Base Trim	26	EACH	10'-3"	5.80			
	26	EACH	14'-3"	8.12			
 Zee Flashing	26	EACH	10'-3"	3.80			
	26	EACH	14'-3"	5.32			
 Masonry Wainscoat	26	EACH	10'-3"	7.15			
	26	EACH	14'-3"	10.00			
 Outside Corner	26	EACH	10'-3"	9.50			
	26	EACH	14'-3"	13.25			
 Inside Corner	26	EACH	10'-3"	9.50			
	26	EACH	14'-3"	12.25			

Tremlock 7.2" Panel - Trim

PRODUCT	TYPE AND SIZE (ITEM NO.)	WEIGHT	DATA	
			GAUGE	GIRTH
	<p>SIMPLE BASE and DRIP 10' 3" (MGBD) 14' 3" (MGBD)</p>	<p>3.91 5.46</p>	<p>26 26</p>	<p>5 3/4" 5 3/4"</p>
	<p>BASE 10' 3" (MGBT) 14' 3" (MGBT)</p>	<p>5.94 8.26</p>	<p>26 26</p>	<p>8 1/2" 8 1/2"</p>
	<p>OUTSIDE CORNER 10'-3" (MGOC) 14'-3" (MGOC)</p>	<p>8.43 11.85</p>	<p>26 26</p>	<p>13" 13"</p>
	<p>INSIDE CORNER 10'-3" (MGIC) 14'-3" (MGIC)</p>	<p>6.83 9.60</p>	<p>26 26</p>	<p>11" 11"</p>

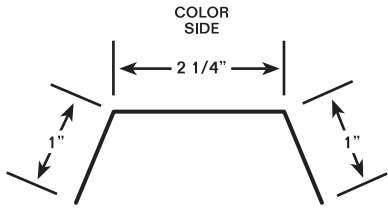
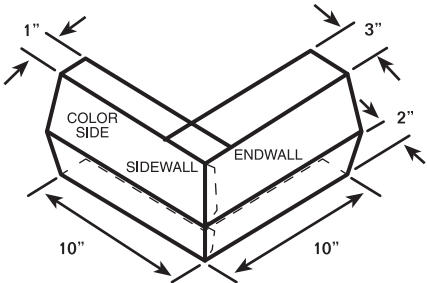
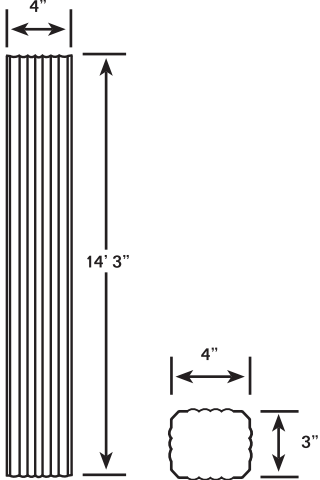
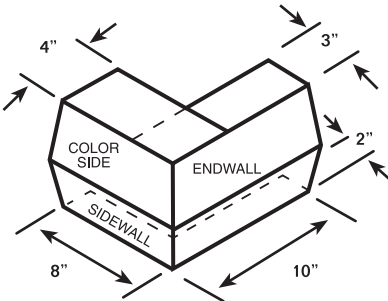
Tremlock 7.2" Panel - Trim

PRODUCT	TYPE AND SIZE (ITEM NO.)	WEIGHT	DATA	
			GAUGE	GIRTH
	<p>HEADER & JAMB 10'-3" (MGJT) 14'-3" (MGJT)</p>	<p>3.94 5.49</p>	<p>26 26</p>	<p>5 3/4" 5 3/4"</p>
	<p>EAVE 10'-3" (MGET) 14'-3" (MGET)</p>	<p>5.94 8.26</p>	<p>26 26</p>	<p>8 1/2" 8 1/2"</p>
	<p>RIDGE CAP 10'-3" (ITRC) 14'-3" (ITRC)</p>	<p>15.90 31.35</p>	<p>26 26</p>	<p>24" 24"</p>
	<p>RAKE 10'-3" (MGRT) 14'-3" (MGRT) 20'-3" (MGRT)</p>	<p>13.02 18.20 26.16</p>	<p>26 26 26</p>	<p>19 3/8" 19 3/8" 19 3/8"</p>


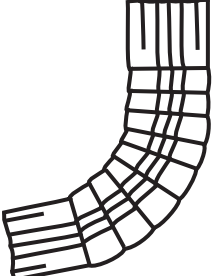
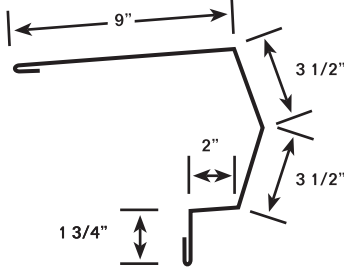

Tremlock 7.2" Panel - Trim

PRODUCT	TYPE AND SIZE (ITEM NO.)	WEIGHT	DATA	
			GAUGE	GIRTH
	RAKE TRIM CLOSURE (IT-RTC)	.35	26	8 7/8"
	PEAK BOX (FIXED) (IT-PBF)	2.4	26	23"
	GUTTER 10'-3" (MG-G) 14'-3" (MG-G) 20'-3" (MG-G)	12.12 17.20 24.35	26 26 26	19" 19" 19"
	STANDARD GUTTER END CAP (ISTGEC) (Specify right or left-hand.) Right-hand shown.	0.3	26	7 5/16"

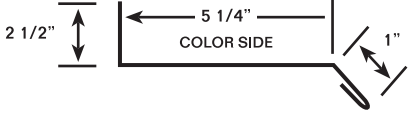
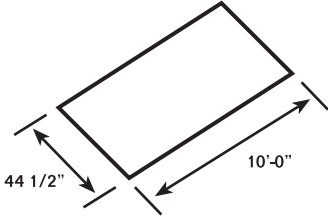

Tremlock 7.2" Panel - Trim

PRODUCT	TYPE AND SIZE (ITEM NO.)	WEIGHT	DATA	
			GAUGE	GIRTH
	GUTTER STRAP 6" (MG-GS)	.14	26	4 1/4"
	OUTSIDE CORNER BOX (Specify right or left hand.) Available in 1 on 12 pitch only. Right-hand shown. (IT-OCB)	2.3	26	12"
	DOWNSPOUT 14'-3"	15.30	26	16"
	HIGH SIDE CORNER BOX Right Hand Shown Left Hand Opposite	2.30	26	

Tremlock 7.2" Panel - Trim




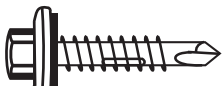


PRODUCT	TYPE AND SIZE (ITEM NO.)	WEIGHT	DATA	
			GAUGE	GIRTH
	DOWNSPOUT STRAP	.04	26	
	DOWNSPOUT ELBOW STYLE A	1.10	26	
 <p>(FOR 1:12 UNLESS SPECIFIED)</p>	HI-SIDE TRIM 10'-3" (ITHS) 14'-3" (ITHS)	13.85 19.46	26 26	20 3/4" 20 3/4"
 <p>(FOR 1:12 UNLESS SPECIFIED)</p>	HIGH SIDE TIE-IN 10'-3" (MGHS) 14'-3" (MGHS)	5.85 8.12	26 26	9 1/4" 9 1/4"

Tremlock 7.2" Panel - Trim


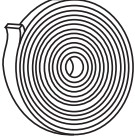



PRODUCT	TYPE AND SIZE (ITEM NO.)	WEIGHT	DATA	
			GAUGE	GIRTH
	<p>RAKE TIE-IN 10'-3" (MGEW) 14'-3" (MGEW)</p>	<p>5.85 8.12</p>	<p>26 26</p>	<p>9 1/4" 9 1/4"</p>
	<p>FLAT SHEETS 10'-0" 10'-0"</p>	<p>28.70 35.70</p>	<p>26 24</p>	<p>44 1/2" 44 1/2"</p>
	<p>36" CLOSURE INSIDE/OUTSIDE</p>	<p>N/A</p>	<p>N/A</p>	

Rubber Closure - 36" (Inside/Outside)
Skylights - Inquire with Technical or Customer Services.

Tremlock 7.2" Panel - Accessories

PRODUCT	TYPE AND SIZE (ITEM NO.)	UNIT OF MEASURE	DATA	
			LENGTH	WEIGHT
	1/4 - 14 x 1 1/4" TEK2 ZAC PART NUMBER VARIES BY COLOR	PER 1000	1 1/4"	27.00/M
	1/4 - 14 x 7/8" LAPTEK ZAC PART NUMBER VARIES BY COLOR	PER 1000	7/8"	24.80/M
	#14 x 1 1/2" TYPE AB ZAC PART NUMBER VARIES BY COLOR	PER 1000	1 1/2"	28.20/M
	#12 - 14 x 1 1/4" TEK2 HWH W/WASHER PART NUMBER VARIES BY COLOR	PER 1000	1 1/4"	15.50/M
	#12 - 14 x 1 1/2" TEK2 HWH W/WASHER PART NUMBER VARIES BY COLOR	PER 1000	1 1/2"	17.00/M
	1/4 - 14 x 7/8" LAPTEK HWH W/WASHER PART NUMBER VARIES BY COLOR	PER 1000	7/8"	16.00/M

Tremlock 7.2" Panel - Accessories

PRODUCT	TYPE AND SIZE (ITEM NO.)	UNIT OF MEASURE	DATA	
			LENGTH	WEIGHT
	TOUCH-UP PAINT PEN PART NUMBER VARIES BY COLOR	EACH	N/A	2.5 oz.
	ROLL TAPE SEALANT ITEM #: 95345	EACH	30'	2.39
	WHITE URETHANE SEALANT ITEM #: 95320	EACH	N/A	1.24
	BUTYL TUBE SEALANT ITEM #: 95342	EACH	N/A	1.11
	43D POP RIVET PART NUMBER VARIES BY COLOR	PER 1000	1/8"	1.30/M

TremLock 7.2" Panel - Loading and Handling

UNLOADING:

ATTENTION:

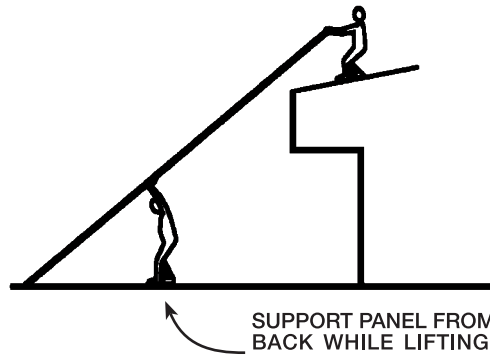
Improper unloading and handling of bundles may cause bodily injury or material damage. The manufacturer is not responsible for any bodily injuries or material damages that may happen during unloading and handling.

HANDLING BUNDLES:

Panel bundles less than 25 feet long may be unloaded with a forklift. The forklift should have at least five feet between forks, and panels should be picked up at their center of gravity. Extreme care must be taken when moving panels with a forklift.

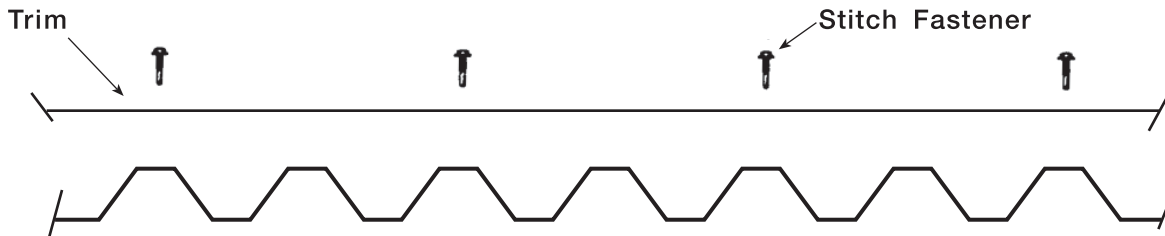
HANDLING SINGLE PANELS:

Panels need to be handled from ends, longer panels may need additional support in the center.



TremLock 7.2" Panel

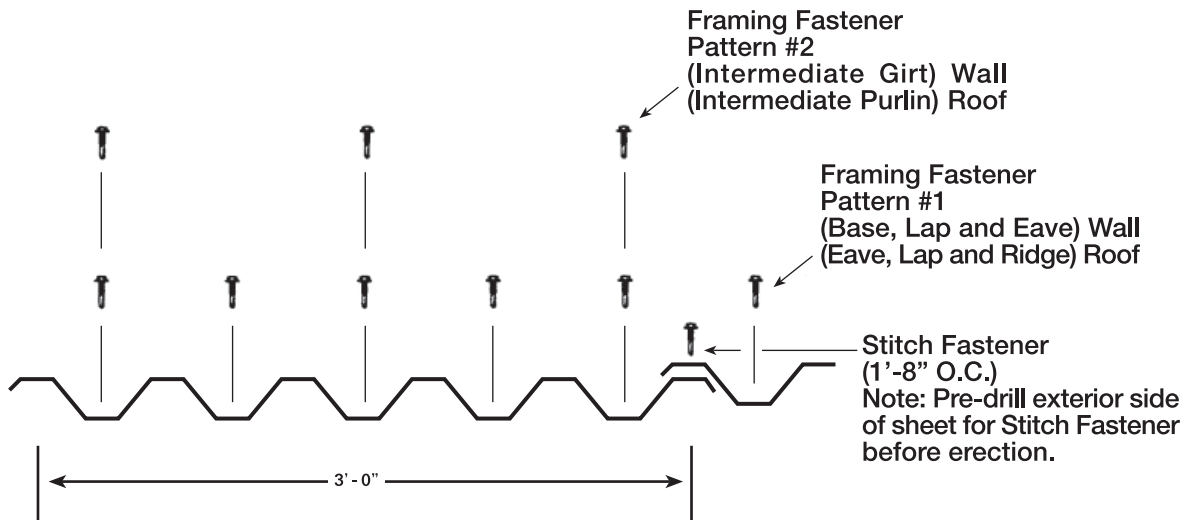
TremLock 7.2" Panel - TRIM FASTENER PATTERN



TremLock 7.2" Panel - PANEL FRAMING AND STITCH FASTENER PATTERN

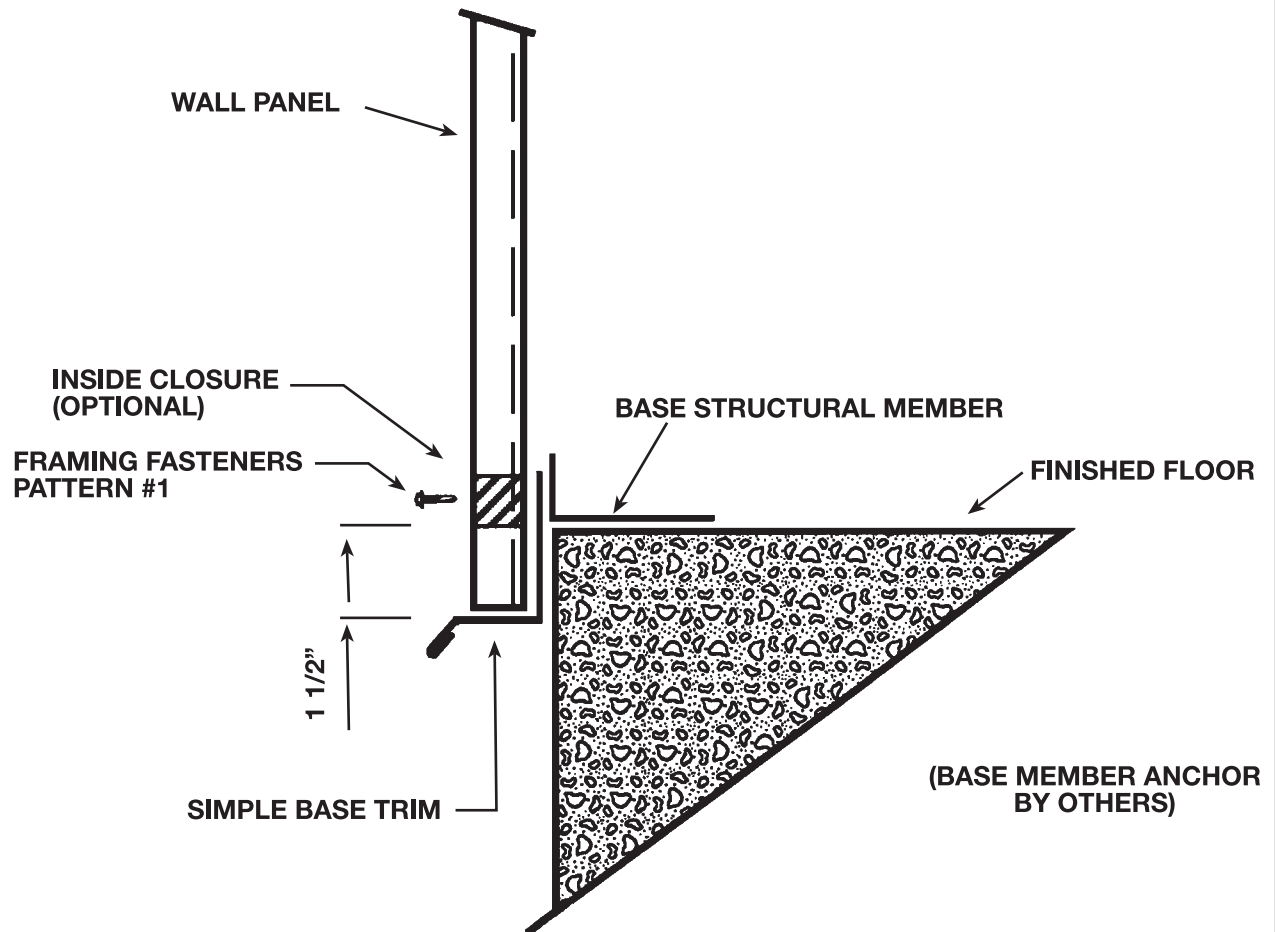
FOR ROOF APPLICATIONS ONLY

USE 1" X 30' - 0" TAPE SEALANT AT PANEL SIDELAPS



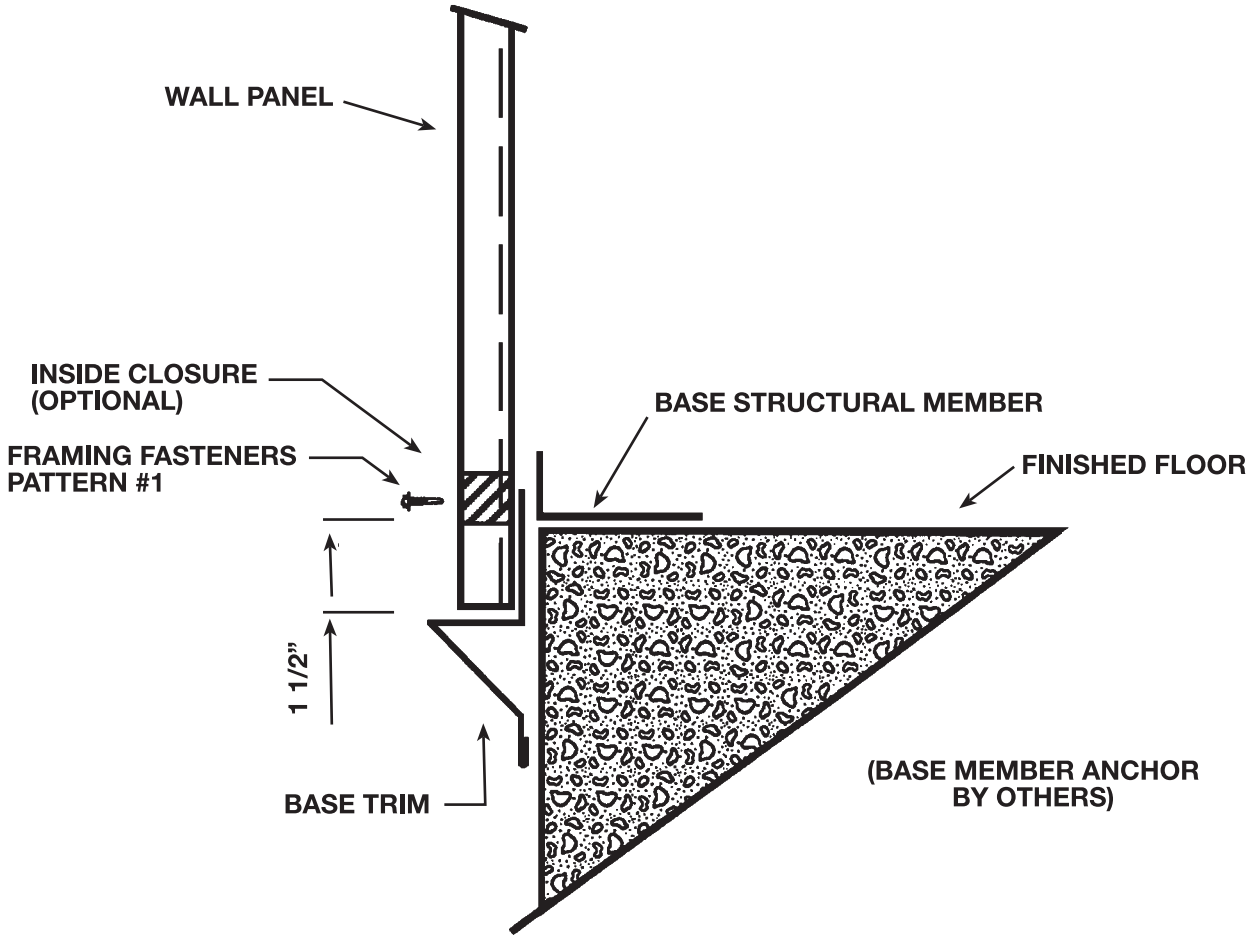
TremLock 7.2" Panel

SIMPLE BASE TRIM DETAIL



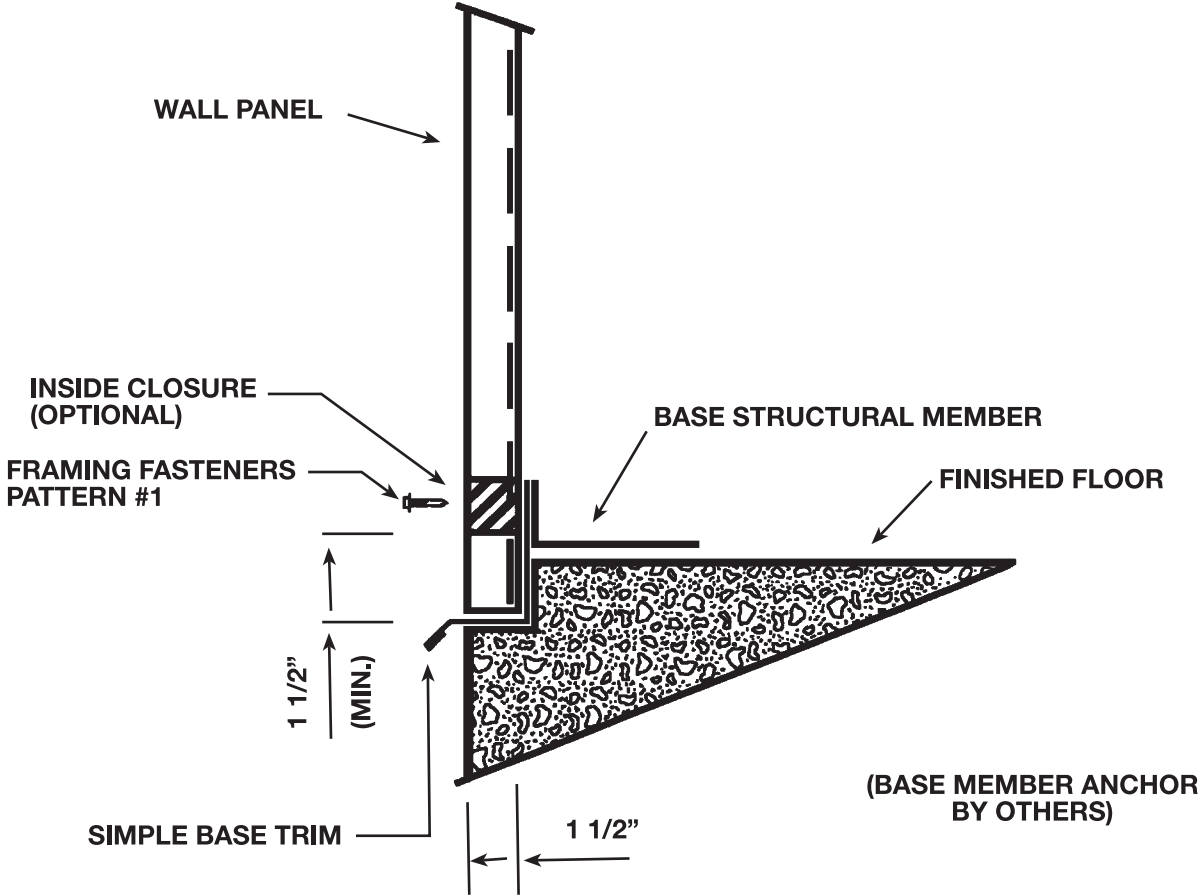
TremLock 7.2" Panel

BASE TRIM DETAIL



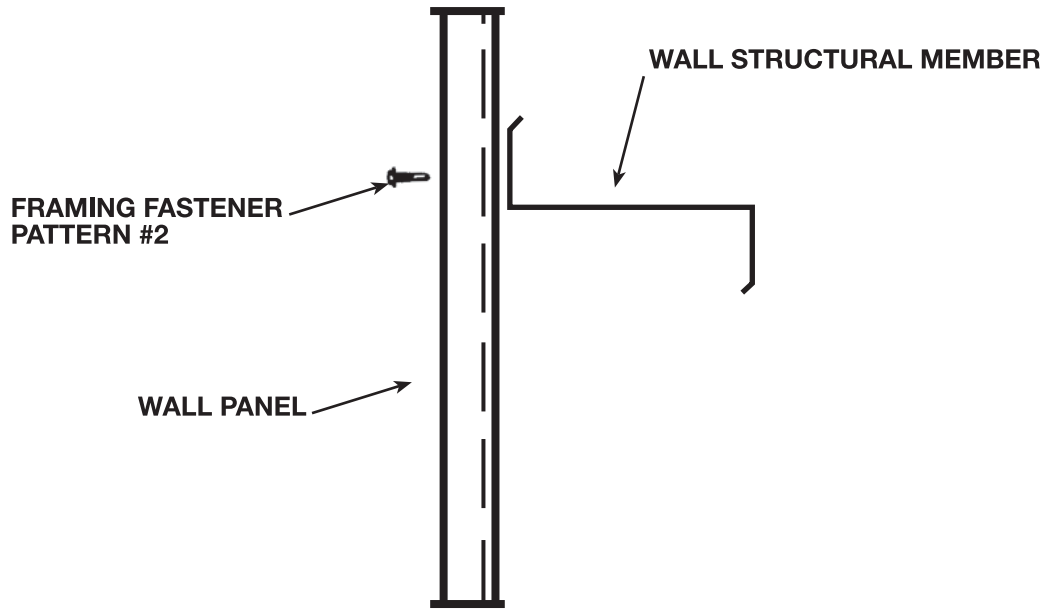
TremLock 7.2" Panel

BASE DETAIL

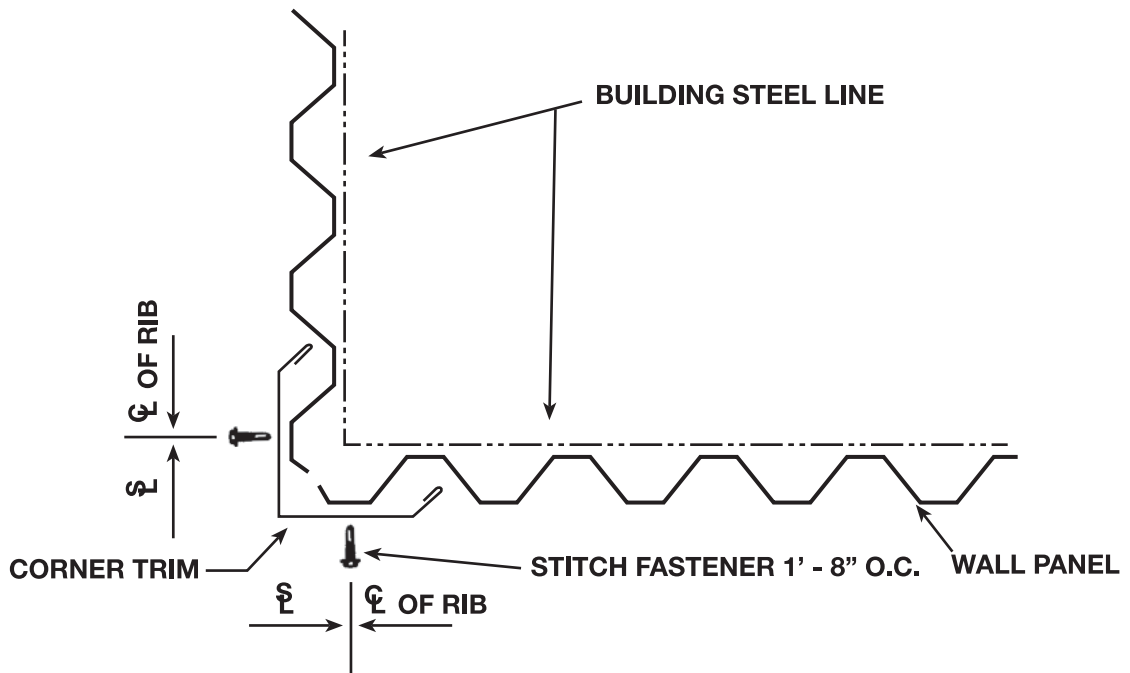


TremLock 7.2" Panel

WALL PANEL TO GIRT DETAIL

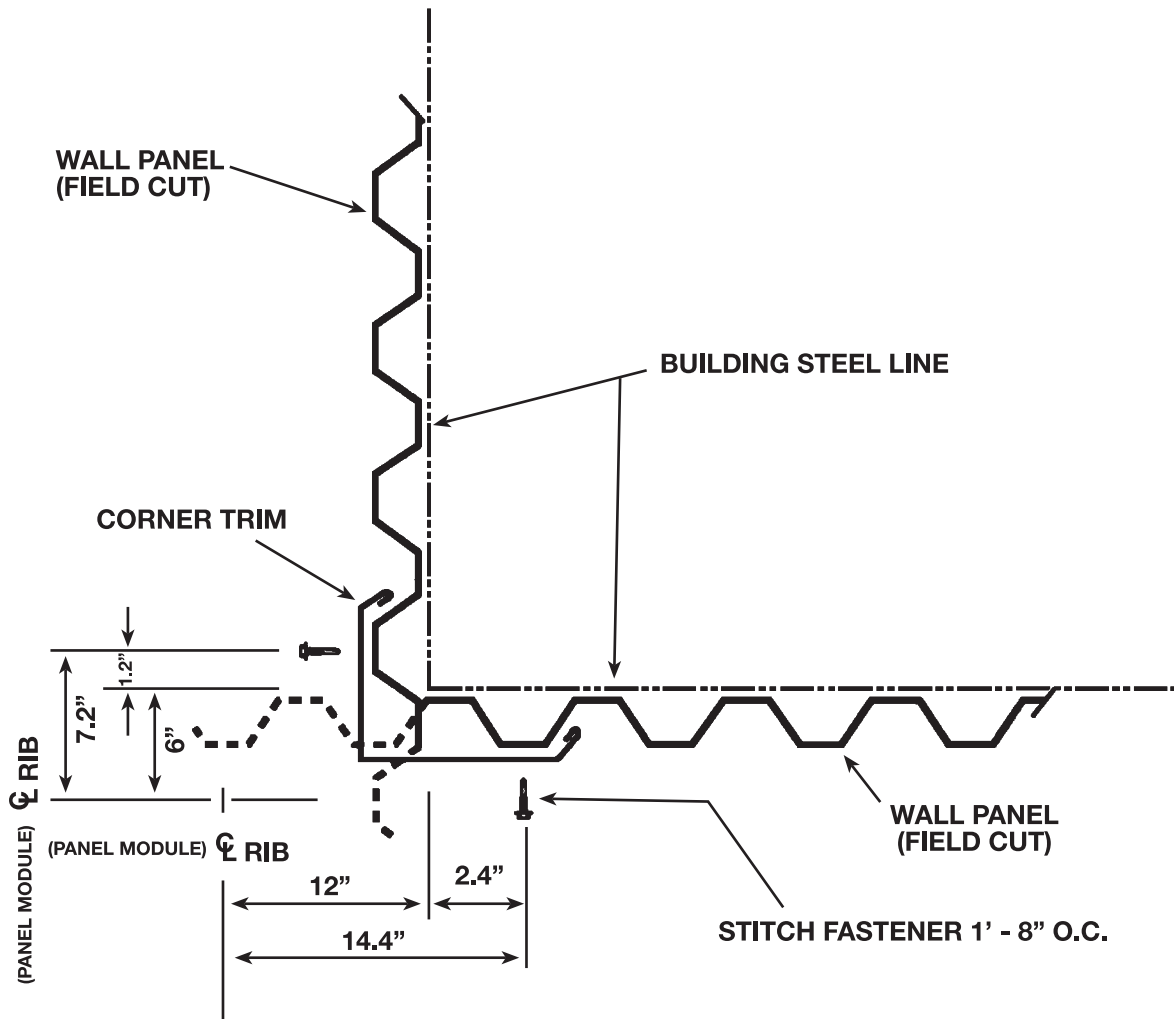


CORNER TRIM DETAIL (STANDARD)



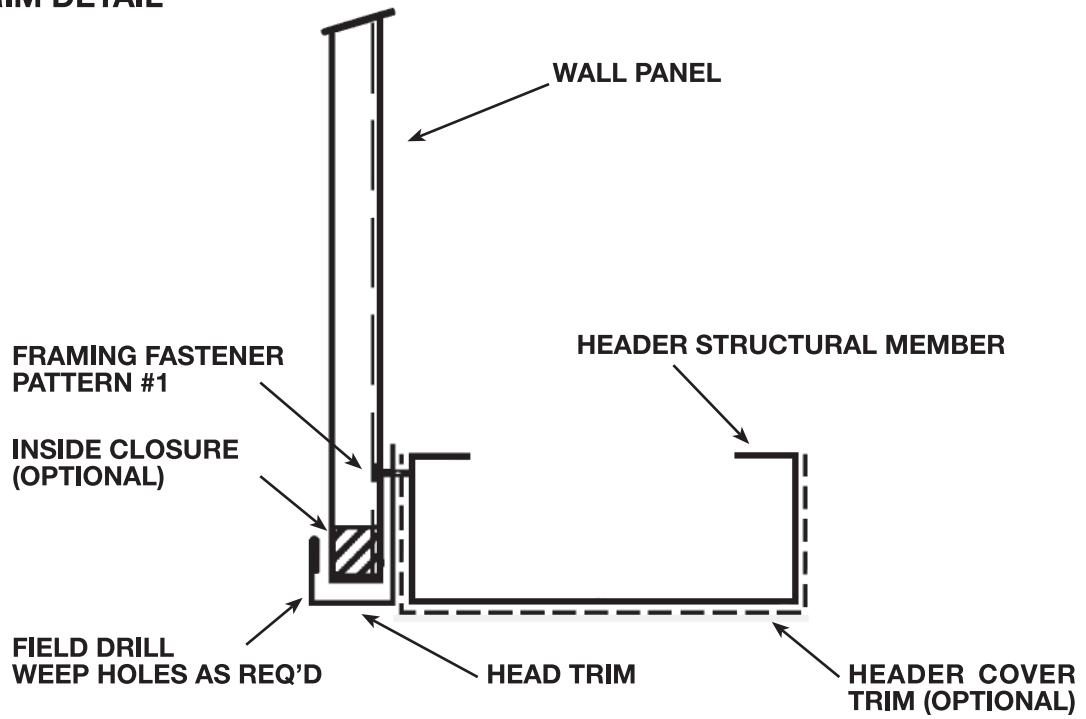
TremLock 7.2" Panel

CORNER TRIM DETAIL (OFF MODULE)

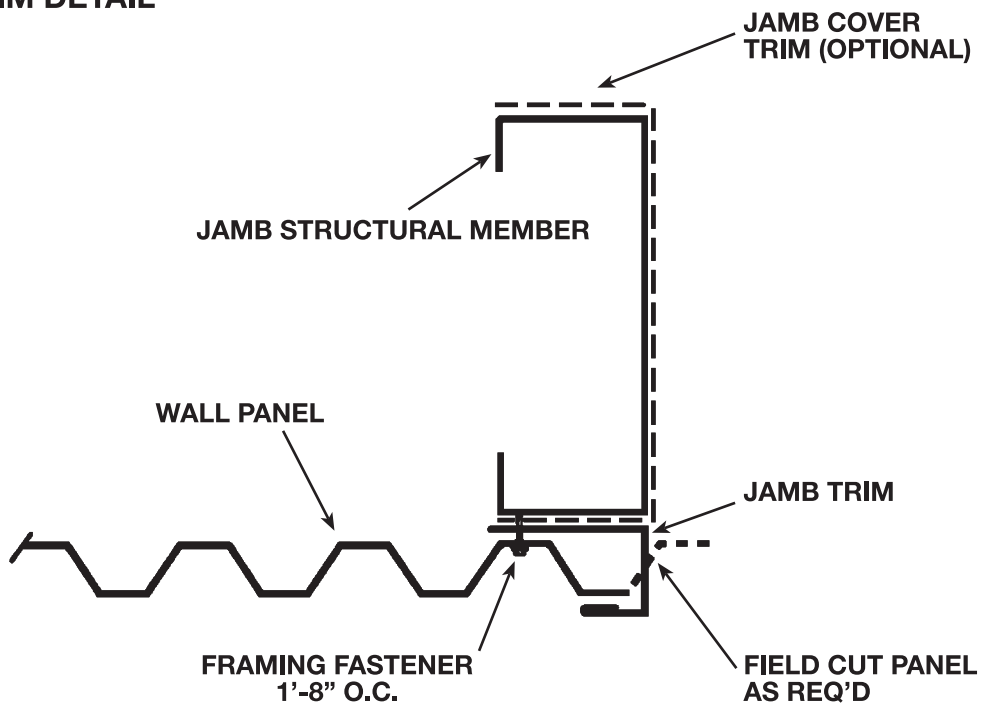


TremLock 7.2" Panel

HEAD TRIM DETAIL



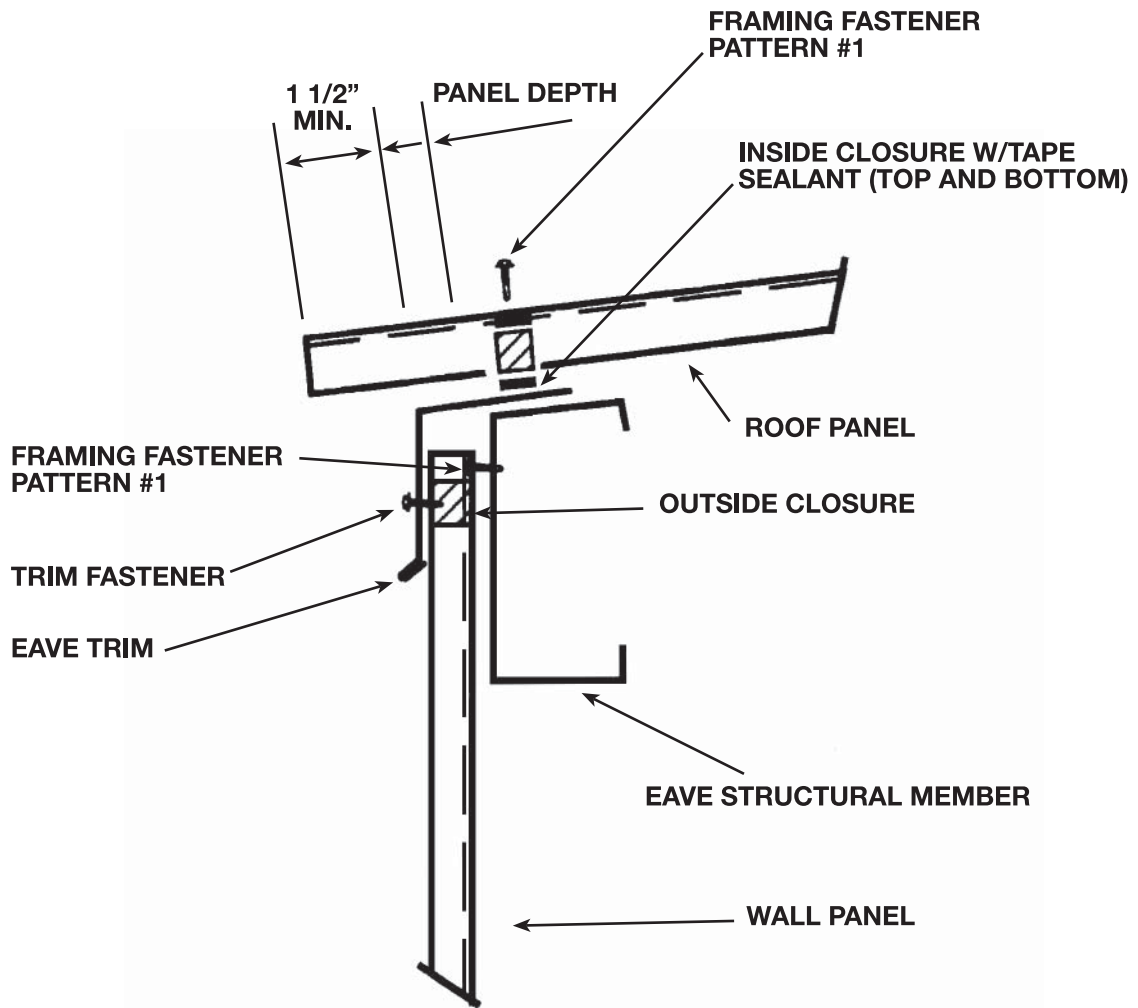
JAMB TRIM DETAIL



TremLock 7.2" Panel

EAVE DETAIL - EAVE TRIM (STANDARD)

USE (4) POP RIVETS AT LAPS FOR EAVE TRIM

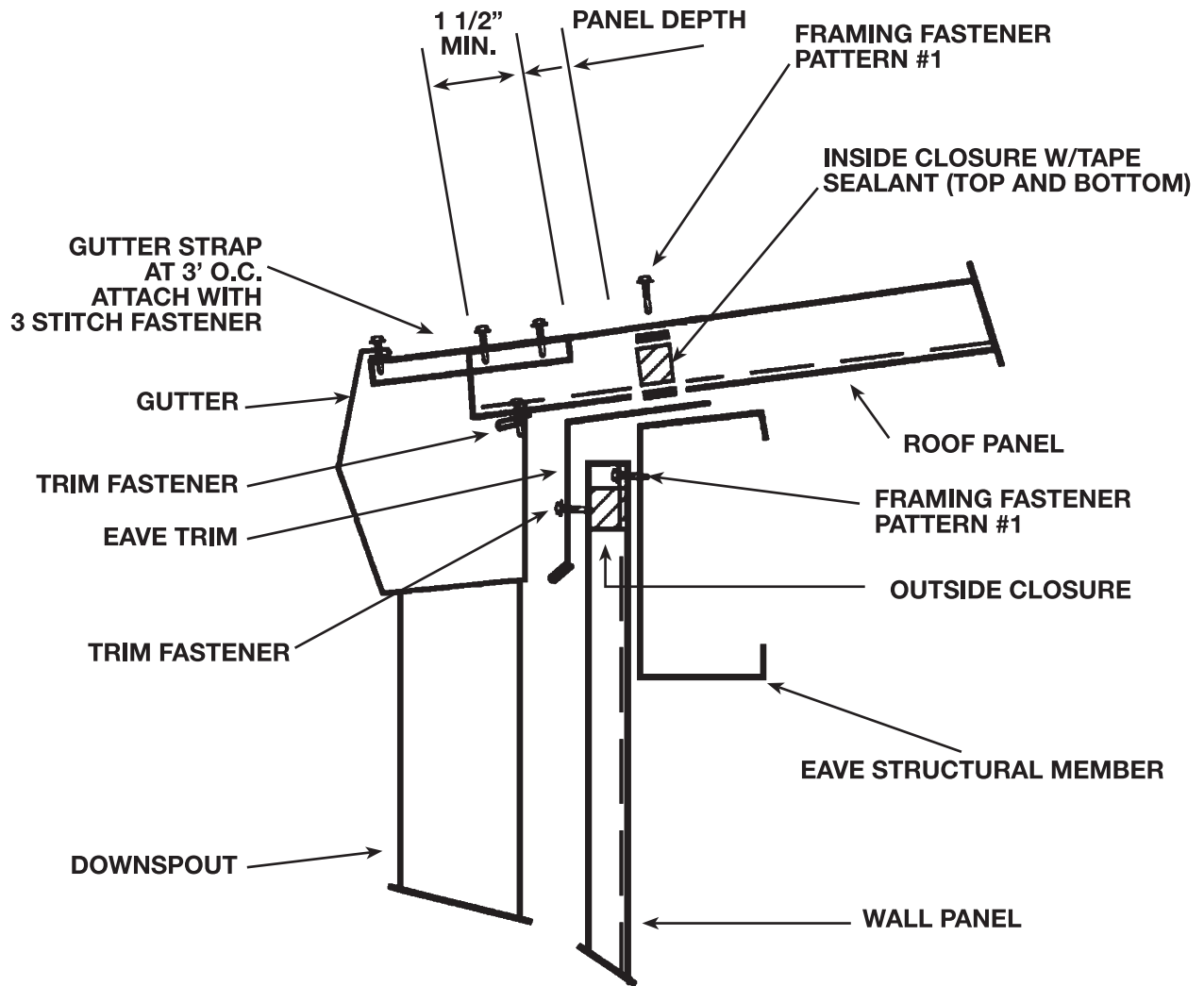


TremLock 7.2" Panel

EAVE DETAIL - WITH GUTTER (STANDARD)

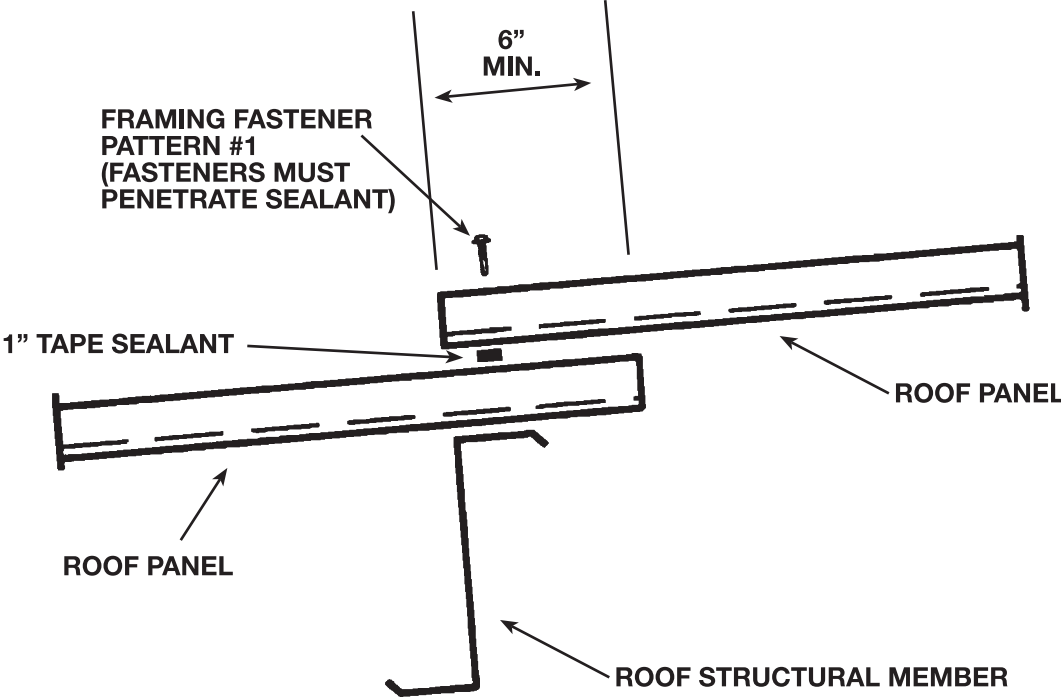
USE (4) POP RIVETS AT LAPS FOR EAVE TRIM

USE (10) POP RIVETS AT LAPS AND END CAPS FOR GUTTER

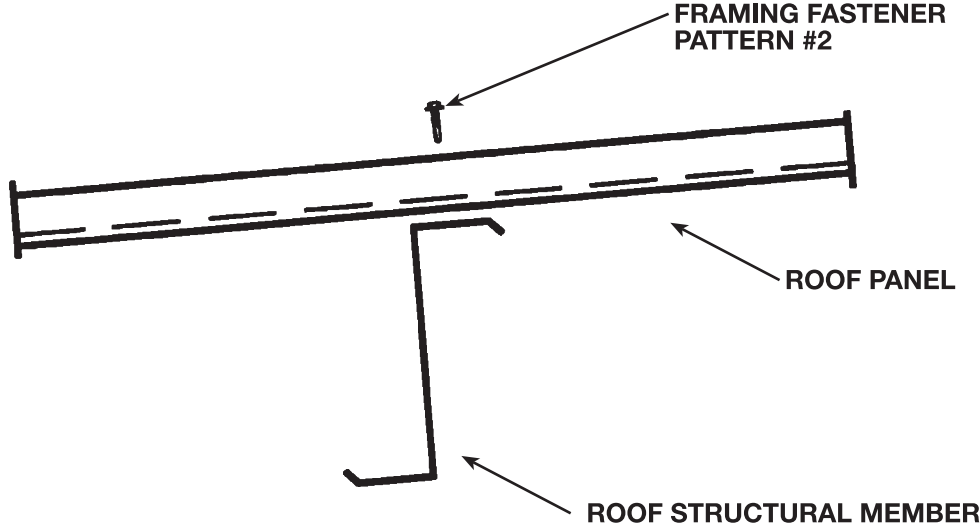


TremLock 7.2" Panel

ROOF PANEL LAP DETAIL



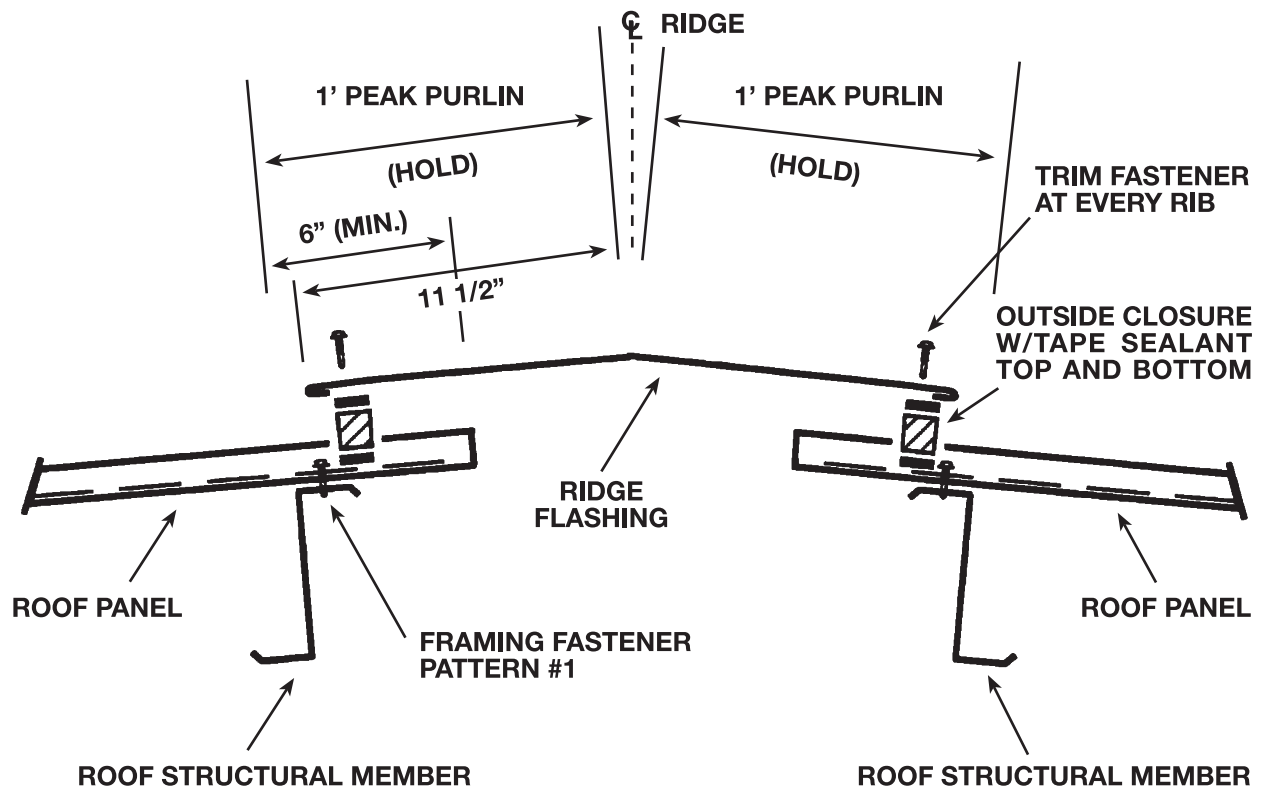
ROOF PANEL TO INTERMEDIATE PURLIN DETAIL



TremLock 7.2" Panel

RIDGE DETAIL - RIDGE TRIM

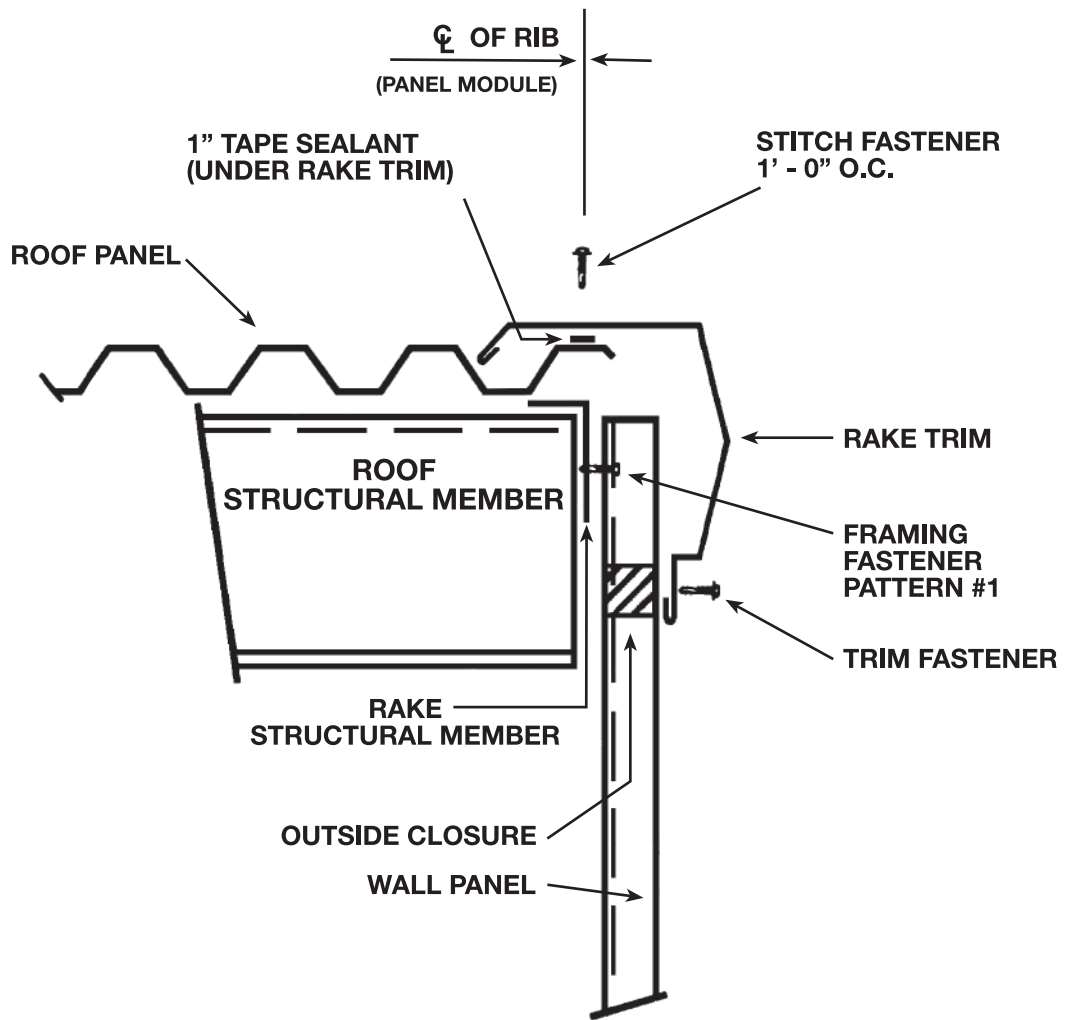
USE STITCH SCREWS AT 3" O.C. AND 1" TAPE SEALANT AT LAPS FOR RIDGE FLASHING. (FASTENERS MUST PENETRATE SEALANT.)



TremLock 7.2" Panel

RAKE TRIM DETAIL (STANDARD)

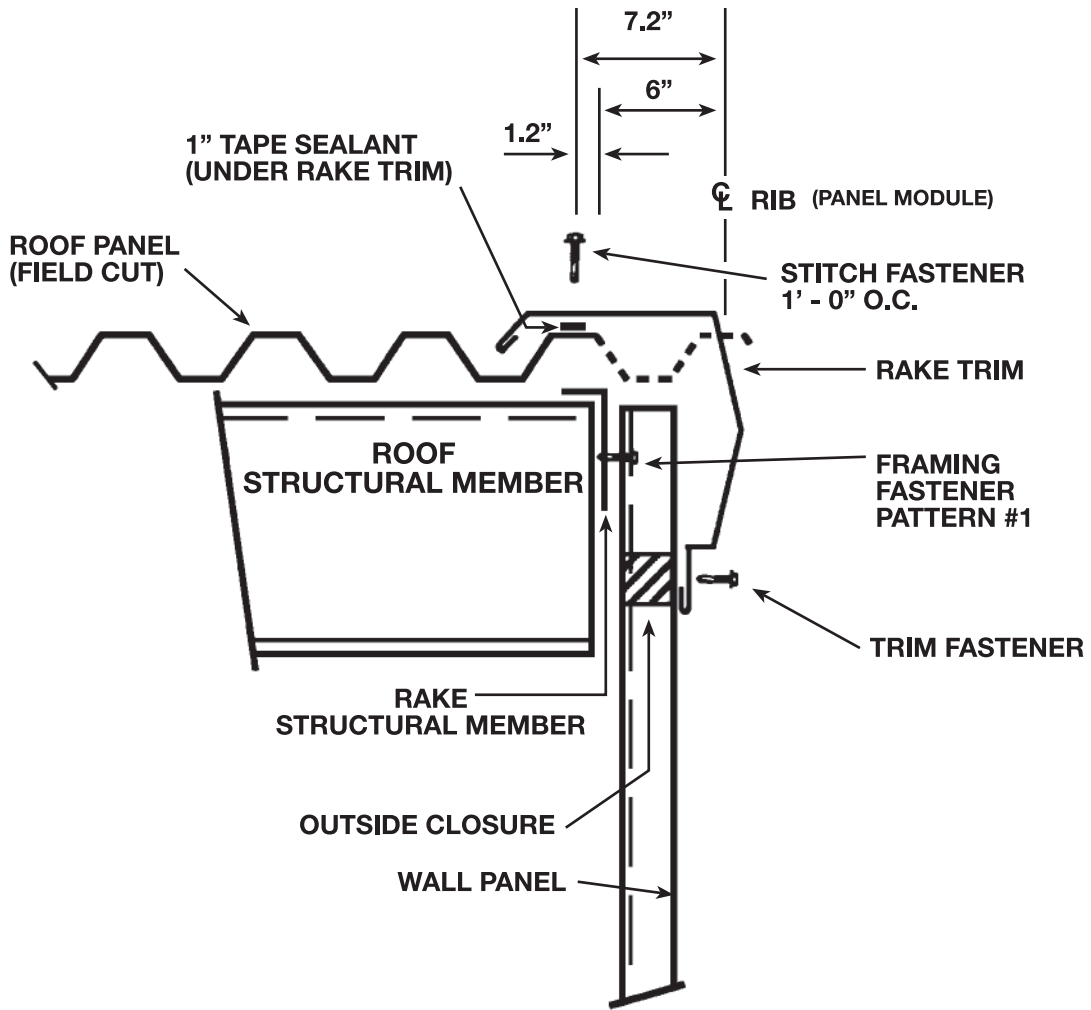
USE (10) POP RIVETS AT LAPS FOR RAKE TRIM



TremLock 7.2" Panel

RAKE TRIM DETAIL (OFF MODULE)

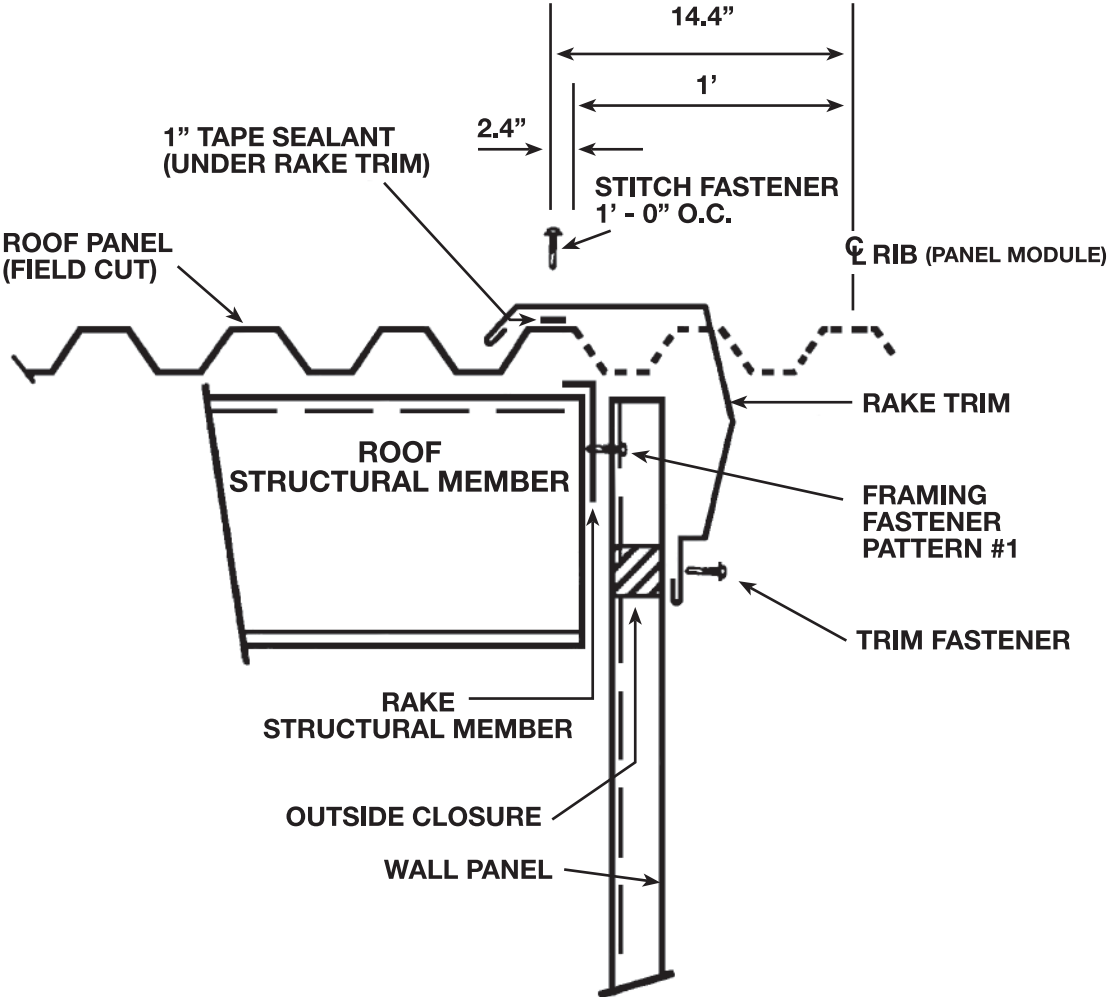
USE (10) POP RIVETS AT LAPS FOR RAKE TRIM



TremLock 7.2" Panel

RAKE TRIM DETAIL (OFF MODULE)

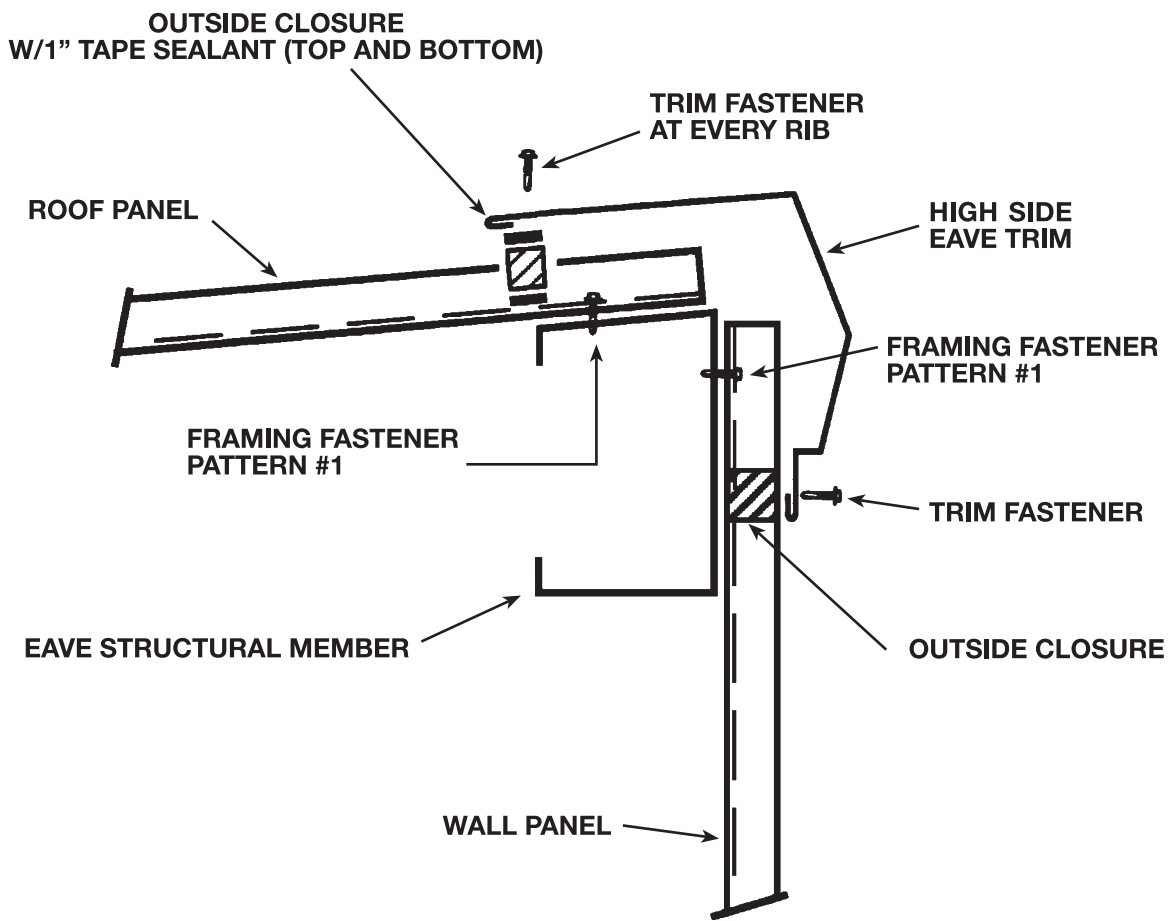
USE (10) POP RIVETS AT LAPS FOR RAKE TRIM



TremLock 7.2" Panel

HIGH SIDE EAVE DETAIL

USE (10) POP RIVETS AT LAPS FOR HIGH SIDE EAVE TRIM



TremLock R Panel

Fastener
(Pattern #1)

Tape Sealant
Roof Panel Seams Only

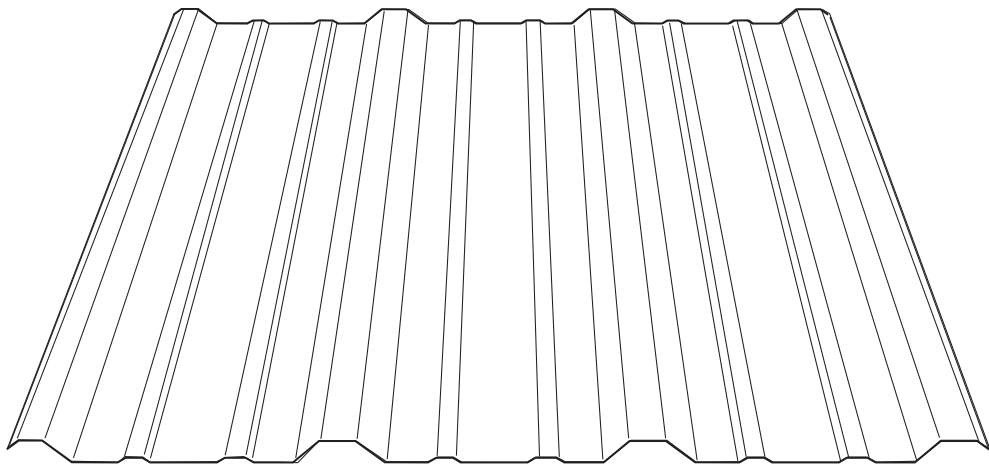
Stitch Fastener
(1'-8" O.C.)



Fastener
(Pattern #2)

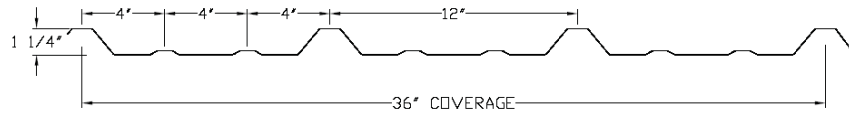
Tape Sealant
Roof Panel Seams Only

Stitch Fastener
(1'-8" O.C.)



R-Panel

R-Panel (Purlin Bearing)



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
22	50.0	1.49	1.4448	366.36	674.86	0.0800	0.0848	2.5400	0.0633	0.1237	2.4100

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allowable shear.
- P_a is the allowable load for web crippling on end & interior supports.
- I_x is for deflection determination.
- S_e is for bending.
- M_a is the allowable bending moment.
- All values are for one foot of panel width.

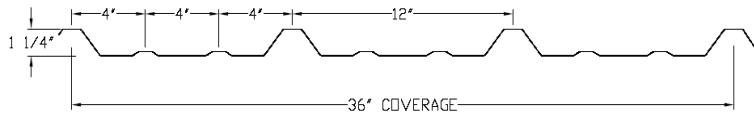
Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	752	423	270	188	138	105	83	67	55	47	40	34	30	26	23	20
	Negative Wind	714	401	257	178	131	100	79	64	53	44	38	32	28	25	22	19
	Live	752	423	270	188	138	105	83	67	55	47	40	34	30	26	23	20
	Deflection (L/180)	2071	874	447	258	163	109	76	55	42	32	25	20	16	13	11	9
	Deflection (L/240)	1553	655	335	194	122	81	57	41	31	24	19	15	12	10	8	7
2 Span	Positive Wind	647	379	247	173	128	98	78	63	52	44	37	32	28	25	22	19
	Negative Wind	676	397	260	182	135	104	82	67	55	46	39	34	29	26	23	20
	Live	647	379	247	173	128	98	78	63	52	44	37	32	28	25	22	19
	Deflection (L/180)	4469	1885	965	558	351	235	165	120	90	69	54	43	35	29	24	20
	Deflection (L/240)	3352	1414	724	419	263	176	124	90	68	52	41	32	26	22	18	15
3 Span	Positive Wind	780	463	304	214	159	122	97	79	65	55	47	40	35	31	27	24
	Negative Wind	811	484	319	225	167	129	102	83	69	58	49	42	37	32	29	26
	Live	780	463	304	214	159	122	97	79	65	55	47	40	35	31	27	24
	Deflection (L/180)	3501	1477	756	437	275	184	129	94	71	54	43	34	28	23	19	16
	Deflection (L/240)	2626	1107	567	328	206	138	97	70	53	41	32	25	21	17	14	12
4 Span	Positive Wind	737	436	286	201	149	114	91	74	61	51	44	38	33	29	25	23
	Negative Wind	768	456	299	211	156	120	95	77	64	54	46	40	34	30	27	24
	Live	737	436	286	201	149	114	91	74	61	51	44	38	33	29	25	23
	Deflection (L/180)	3717	1568	802	464	292	196	137	100	75	58	45	36	29	24	20	17
	Deflection (L/240)	2787	1176	602	348	219	147	103	75	56	43	34	27	22	18	15	12

Notes:

- Allowable uniform loads are based upon equal span lengths.
- Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
- Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3 %.
- Live is the allowable live or snow load.
- Deflection (L/180) is the allowable load that limits the panel's deflection to L/180 while under positive or live load.
- Deflection (L/240) is the allowable load that limits the panel's deflection to L/240 while under positive or live load.
- The weight of the panel has **NOT** been deducted from the allowable loads.
- Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
- Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".
- Web crippling values are determined using a ratio of the uniform load **actually** supported by the top flanges of the section.

R-Panel (Purlin Bearing)



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
24	50.0	1.14	0.9568	206.57	400.46	0.0563	0.0580	1.7367	0.0443	0.0835	1.7967

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allowable shear.
- P_a is the allowable load for web crippling on end & interior supports.
- I_x is for deflection determination.
- S_e is for bending.
- M_a is the allowable bending moment.
- All values are for one foot of panel width.

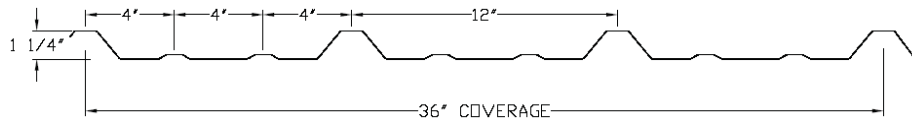
Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	514	289	185	128	94	72	57	46	38	32	27	23	20	18	16	14
	Negative Wind	532	299	191	133	97	74	59	47	39	33	28	24	21	18	16	14
	Live	514	289	185	128	94	72	57	46	38	32	27	23	20	18	16	14
	Deflection (L/180)	1458	615	314	182	114	76	54	39	29	22	17	14	11	9	8	6
	Deflection (L/240)	1093	461	236	136	86	57	40	29	22	17	13	10	8	7	6	5
2 Span	Positive Wind	472	278	182	128	95	73	58	47	39	32	28	24	21	18	16	14
	Negative Wind	459	270	177	124	92	71	56	45	37	31	27	23	20	18	15	14
	Live	472	278	182	128	95	73	58	47	39	32	28	24	21	18	16	14
	Deflection (L/180)	3138	1323	677	392	247	165	116	84	63	49	38	30	25	20	17	14
	Deflection (L/240)	2353	992	508	294	185	124	87	63	47	36	28	23	18	15	12	10
3 Span	Positive Wind	564	338	224	158	118	91	72	58	48	41	35	30	26	23	20	18
	Negative Wind	550	329	217	153	114	88	70	56	47	39	33	29	25	22	19	17
	Live	564	338	224	158	118	91	72	58	48	41	35	30	26	23	20	18
	Deflection (L/180)	2458	1037	530	307	193	129	91	66	49	38	30	24	19	16	13	11
	Deflection (L/240)	1843	777	398	230	145	97	68	49	37	28	22	18	14	12	10	8
4 Span	Positive Wind	534	319	210	148	110	85	67	55	45	38	32	28	24	21	19	17
	Negative Wind	521	310	204	144	107	82	65	53	44	37	31	27	23	20	18	16
	Live	534	319	210	148	110	85	67	55	45	38	32	28	24	21	19	17
	Deflection (L/180)	2609	1100	563	326	205	137	96	70	52	40	32	25	20	17	14	12
	Deflection (L/240)	1957	825	422	244	154	103	72	52	39	30	24	19	15	12	10	9

Notes:

- Allowable uniform loads are based upon equal span lengths.
- Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
- Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
- Live is the allowable live or snow load.
- Deflection (L/180) is the allowable load that limits the panel's deflection to L/180 while under positive or live load.
- Deflection (L/240) is the allowable load that limits the panel's deflection to L/240 while under positive or live load.
- The weight of the panel has **NOT** been deducted from the allowable loads.
- Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
- Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".
- Web crippling values are determined using a ratio of the uniform load **actually** supported by the top flanges of the section.

R-Panel (Purlin Bearing)



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
24	80.0	1.14	1.0481	247.88	480.55	0.0537	0.0547	1.9667	0.0430	0.0781	2.1333

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allow able shear.
- P_a is the allow able load for web crippling on end & interior supports.
- I_x is for deflection determination.
- S_e is for bending.
- M_a is the allow able bending moment.
- All values are for one foot of panel width.

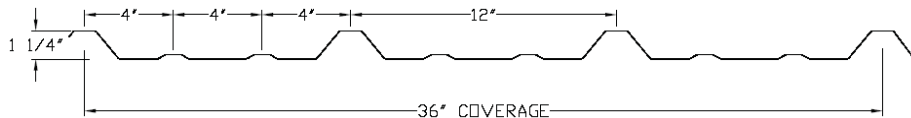
Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	582	327	209	145	107	81	64	52	43	36	31	26	23	20	18	16
	Negative Wind	632	355	227	158	116	88	70	56	47	39	33	29	25	22	19	17
	Live	582	327	209	145	107	81	64	52	43	36	31	26	23	20	18	16
	Deflection (L/180)	1390	586	300	173	109	73	51	37	28	21	17	13	11	9	7	6
	Deflection (L/240)	1043	440	225	130	82	55	38	28	21	16	12	10	8	6	5	4
2 Span	Positive Wind	550	327	215	152	112	86	69	56	46	39	33	28	25	22	19	17
	Negative Wind	516	305	200	140	104	80	63	51	42	36	30	26	23	20	18	16
	Live	550	327	215	152	112	86	69	56	46	39	33	28	25	22	19	17
	Deflection (L/180)	3016	1272	651	377	237	159	111	81	61	47	37	29	24	19	16	13
	Deflection (L/240)	2262	954	488	282	178	119	83	61	45	35	27	22	18	14	12	10
3 Span	Positive Wind	653	396	263	187	139	107	85	69	57	48	41	35	31	27	24	21
	Negative Wind	617	370	245	173	129	99	79	64	53	44	38	33	28	25	22	20
	Live	653	396	263	187	139	107	85	69	57	48	41	35	31	27	24	21
	Deflection (L/180)	2362	996	510	295	186	124	87	63	47	36	29	23	18	15	12	10
	Deflection (L/240)	1772	747	382	221	139	93	65	47	35	27	21	17	14	11	9	8
4 Span	Positive Wind	620	373	247	175	130	100	80	65	54	45	38	33	29	25	22	20
	Negative Wind	585	349	230	163	121	93	74	60	49	42	35	30	27	23	21	18
	Live	620	373	247	175	130	100	80	65	54	45	38	33	29	25	22	20
	Deflection (L/180)	2508	1058	541	313	197	132	92	67	50	39	30	24	20	16	13	11
	Deflection (L/240)	1881	793	406	235	148	99	69	50	38	29	23	18	15	12	10	8

Notes:

- Allow able uniform loads are based upon equal span lengths.
- Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
- Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
- Live is the allow able live or snow load.
- Deflection (L/180) is the allow able load that limits the panel's deflection to L/180 while under positive or live load.
- Deflection (L/240) is the allow able load that limits the panel's deflection to L/240 while under positive or live load.
- The weight of the panel has **NOT** been deducted from the allow able loads.
- Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
- Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".
- Web crippling values are determined using a ratio of the uniform load **actually** supported by the top flanges of the section.

R-Panel (Purlin Bearing)



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
26	50.0	0.90	0.5882	123.42	255.66	0.0400	0.0402	1.2773	0.0333	0.0600	1.3997

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allow able shear.
- P_a is the allow able load for web crippling on end & interior supports.
- I_x is for deflection determination.
- S_e is for bending.
- M_a is the allow able bending moment.
- All values are for one foot of panel width.

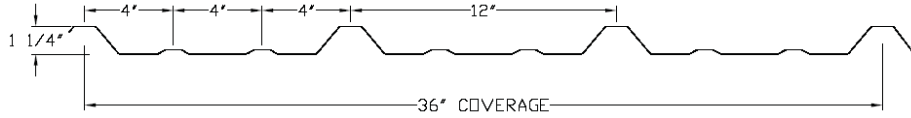
Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	378	212	136	94	69	53	42	34	28	23	20	17	15	13	11	10
	Negative Wind	414	233	149	103	76	58	46	37	30	25	22	19	16	14	12	11
	Live	378	212	136	94	69	53	42	34	28	23	20	17	15	13	11	10
	Deflection (L/180)	1035	437	223	129	81	54	38	27	21	16	12	10	8	6	5	4
	Deflection (L/240)	776	327	167	97	61	40	28	20	15	12	9	7	6	5	4	3
2 Span	Positive Wind	345	209	138	98	73	56	45	36	30	25	21	18	16	14	12	11
	Negative Wind	324	193	128	90	67	51	41	33	27	23	19	17	15	13	11	10
	Live	345	209	138	98	73	56	45	36	30	25	21	18	16	14	12	11
	Deflection (L/180)	2286	964	493	285	179	120	84	61	46	35	28	22	18	15	12	10
	Deflection (L/240)	1714	723	370	214	134	90	63	46	34	26	21	16	13	11	9	7
3 Span	Positive Wind	406	250	168	120	90	69	55	45	37	31	27	23	20	18	15	14
	Negative Wind	383	233	156	111	82	64	51	41	34	29	24	21	18	16	14	13
	Live	406	250	168	120	90	69	55	45	37	31	27	23	20	18	15	14
	Deflection (L/180)	1791	755	386	223	140	94	66	48	36	27	22	17	14	11	9	8
	Deflection (L/240)	1343	566	290	167	105	70	49	36	27	20	16	13	10	8	7	6
4 Span	Positive Wind	387	237	158	113	84	65	52	42	35	29	25	21	19	16	14	13
	Negative Wind	364	221	147	104	77	60	47	38	32	27	23	20	17	15	13	12
	Live	387	237	158	113	84	65	52	42	35	29	25	21	19	16	14	13
	Deflection (L/180)	1901	802	410	237	149	100	70	51	38	29	23	18	15	12	10	8
	Deflection (L/240)	1426	601	308	178	112	75	52	38	28	22	17	14	11	9	7	6

Notes:

- Allow able uniform loads are based upon equal span lengths.
- Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
- Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
- Live is the allow able live or snow load.
- Deflection (L/180) is the allow able load that limits the panel's deflection to L/180 while under positive or live load.
- Deflection (L/240) is the allow able load that limits the panel's deflection to L/240 while under positive or live load.
- The weight of the panel has **NOT** been deducted from the allow able loads.
- Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
- Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".
- Web crippling values are determined using a ratio of the uniform load **actually** supported by the top flanges of the section.

R-Panel (Purlin Bearing)



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
26	80.0	0.90	0.5882	148.11	306.79	0.0397	0.0401	1.4423	0.0323	0.0563	1.6613

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allow able shear.
- P_a is the allow able load for web crippling on end & interior supports.
- I_x is for deflection determination.
- S_e is for bending.
- M_a is the allow able bending moment.
- All values are for one foot of panel width.

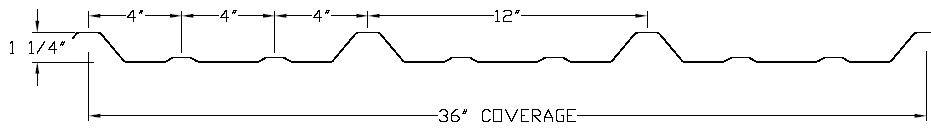
Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	427	240	153	106	78	60	47	38	31	26	22	19	17	15	13	11
	Negative Wind	492	276	177	123	90	69	54	44	36	30	26	22	19	17	15	13
	Live	427	240	153	106	78	60	47	38	31	26	22	19	17	15	13	11
	Deflection (L/180)	1028	433	222	128	80	54	38	27	20	16	12	10	8	6	5	4
	Deflection (L/240)	771	325	166	96	60	40	28	20	15	12	9	7	6	5	4	3
2 Span	Positive Wind	387	238	160	114	85	66	52	43	35	30	25	22	19	17	15	13
	Negative Wind	353	214	142	101	75	58	46	37	31	26	22	19	16	14	13	11
	Live	387	238	160	114	85	66	52	43	35	30	25	22	19	17	15	13
	Deflection (L/180)	2245	947	485	280	176	118	83	60	45	35	27	22	17	14	12	10
	Deflection (L/240)	1684	710	363	210	132	88	62	45	34	26	20	16	13	11	9	7
3 Span	Positive Wind	447	282	192	139	104	81	65	53	44	37	32	27	24	21	18	16
	Negative Wind	413	256	172	123	92	71	57	46	38	32	27	24	21	18	16	14
	Live	447	282	192	139	104	81	65	53	44	37	32	27	24	21	18	16
	Deflection (L/180)	1759	742	380	219	138	92	65	47	35	27	21	17	14	11	9	8
	Deflection (L/240)	1319	556	285	164	103	69	48	35	26	20	16	12	10	8	7	6
4 Span	Positive Wind	429	268	182	131	98	76	61	49	41	35	29	25	22	19	17	15
	Negative Wind	394	242	162	116	86	67	53	43	36	30	26	22	19	17	15	13
	Live	429	268	182	131	98	76	61	49	41	35	29	25	22	19	17	15
	Deflection (L/180)	1867	787	403	233	147	98	69	50	37	29	22	18	14	12	10	8
	Deflection (L/240)	1400	590	302	175	110	73	51	37	28	21	17	13	11	9	7	6

Notes:

- Allow able uniform loads are based upon equal span lengths.
- Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
- Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
- Live is the allow able live or snow load.
- Deflection (L/180) is the allow able load that limits the panel's deflection to L/180 while under positive or live load.
- Deflection (L/240) is the allow able load that limits the panel's deflection to L/240 while under positive or live load.
- The weight of the panel has **NOT** been deducted from the allow able loads.
- Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
- Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".
- Web crippling values are determined using a ratio of the uniform load **actually** supported by the top flanges of the section.

R-Panel



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
22	50.0	1.44	1.2852	311.37	574.90	0.0767	0.0809	2.4200	0.0600	0.1194	2.3600

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allowable shear.
- P_a is the allowable load for web crippling on end & interior supports.
- I_x is for deflection determination.
- S_e is for bending.
- M_a is the allowable bending moment.
- All values are for one foot of panel width.

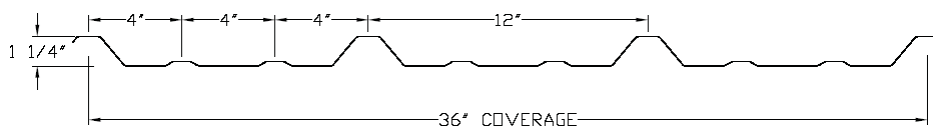
Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	717	403	258	179	131	100	79	64	53	44	38	32	28	25	22	19
	Negative Wind	699	393	251	174	128	98	77	62	52	43	37	32	27	24	21	19
	Live	717	403	258	179	131	100	79	64	53	44	38	32	28	25	22	19
	Deflection (L/180)	1986	838	429	248	156	104	73	53	40	31	24	19	15	13	10	9
	Deflection (L/240)	1489	628	321	186	117	78	55	40	30	23	18	14	11	9	8	6
2 Span	Positive Wind	622	367	240	169	125	96	76	62	51	43	36	31	27	24	21	19
	Negative Wind	635	375	246	173	128	98	78	63	52	44	37	32	28	25	22	19
	Live	622	367	240	169	125	96	76	62	51	43	36	31	27	24	21	19
	Deflection (L/180)	4264	1798	921	533	335	224	157	115	86	66	52	41	34	28	23	19
	Deflection (L/240)	3198	1349	690	399	251	168	118	86	64	49	39	31	25	21	17	14
3 Span	Positive Wind	745	446	295	208	155	119	95	77	64	54	46	39	34	30	27	24
	Negative Wind	759	456	301	213	158	122	97	79	65	55	47	40	35	31	27	24
	Live	745	446	295	208	155	119	95	77	64	54	46	39	34	30	27	24
	Deflection (L/180)	3340	1409	721	417	262	176	123	90	67	52	41	32	26	22	18	15
	Deflection (L/240)	2505	1056	541	313	197	132	92	67	50	39	30	24	20	16	13	11
4 Span	Positive Wind	706	421	277	195	145	112	89	72	59	50	43	37	32	28	25	22
	Negative Wind	719	429	283	200	148	114	91	74	61	51	44	38	33	29	25	23
	Live	706	421	277	195	145	112	89	72	59	50	43	37	32	28	25	22
	Deflection (L/180)	3545	1495	765	443	279	186	131	95	71	55	43	34	28	23	19	16
	Deflection (L/240)	2659	1121	574	332	209	140	98	71	53	41	32	26	21	17	14	12

Notes:

- Allowable uniform loads are based upon equal span lengths.
- Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
- Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3 %.
- Live is the allowable live or snow load.
- Deflection (L/180) is the allowable load that limits the panel's deflection to L/180 while under positive or live load.
- Deflection (L/240) is the allowable load that limits the panel's deflection to L/240 while under positive or live load.
- The weight of the panel has **NOT** been deducted from the allowable loads.
- Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
- Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".
- Web crippling values are determined using a ratio of the uniform load **actually** supported by the top flanges of the section.

R-Panel



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
24	50.0	1.10	0.8163	175.45	341.14	0.0540	0.0550	1.6457	0.0430	0.0799	1.7620

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allow able shear.
- P_a is the allow able load for web crippling on end & interior supports.
- I_x is for deflection determination.
- S_e is for bending.
- M_a is the allow able bending moment.
- All values are for one foot of panel width.

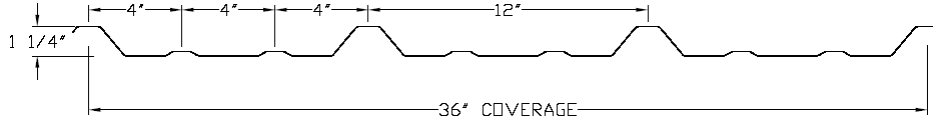
Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	487	274	175	121	89	68	54	43	36	30	25	22	19	17	15	13
	Negative Wind	522	293	187	130	95	73	58	46	38	32	27	23	20	18	16	14
	Live	487	274	175	121	89	68	54	43	36	30	25	22	19	17	15	13
	Deflection (L/180)	1398	590	302	174	110	73	51	37	28	21	17	13	11	9	7	6
	Deflection (L/240)	1048	442	226	131	82	55	38	28	21	16	12	10	8	6	5	4
2 Span	Positive Wind	447	267	176	125	92	71	56	46	38	32	27	23	20	18	16	14
	Negative Wind	425	252	166	117	87	67	53	43	35	30	25	22	19	17	15	13
	Live	447	267	176	125	92	71	56	46	38	32	27	23	20	18	16	14
	Deflection (L/180)	3025	1276	653	378	238	159	112	81	61	47	37	29	24	19	16	14
	Deflection (L/240)	2269	957	490	283	178	119	84	61	46	35	27	22	18	14	12	10
3 Span	Positive Wind	529	323	215	153	114	88	70	57	47	40	34	29	25	22	20	17
	Negative Wind	505	306	203	144	107	83	66	53	44	37	32	27	24	21	18	16
	Live	529	323	215	153	114	88	70	57	47	40	34	29	25	22	20	17
	Deflection (L/180)	2370	999	511	296	186	124	87	63	48	37	29	23	18	15	13	10
	Deflection (L/240)	1777	749	383	222	139	93	65	47	36	27	21	17	14	11	9	8
4 Span	Positive Wind	503	305	203	144	107	83	66	53	44	37	32	27	24	21	18	16
	Negative Wind	480	288	191	135	100	77	61	50	41	35	29	25	22	19	17	15
	Live	503	305	203	144	107	83	66	53	44	37	32	27	24	21	18	16
	Deflection (L/180)	2516	1061	543	314	198	132	93	67	51	39	30	24	20	16	13	11
	Deflection (L/240)	1887	796	407	235	148	99	69	50	38	29	23	18	15	12	10	8

Notes:

- Allow able uniform loads are based upon equal span lengths.
- Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
- Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
- Live is the allow able live or snow load.
- Deflection (L/180) is the allow able load that limits the panel's deflection to L/180 while under positive or live load.
- Deflection (L/240) is the allow able load that limits the panel's deflection to L/240 while under positive or live load.
- The weight of the panel has **NOT** been deducted from the allow able loads.
- Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
- Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".
- Web crippling values are determined using a ratio of the uniform load **actually** supported by the top flanges of the section.

R-Panel



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
24	80.0	1.10	0.8942	210.54	409.36	0.0543	0.0559	1.8620	0.0417	0.0743	2.0913

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allowable shear.
- P_a is the allowable load for web crippling on end & interior supports.
- I_x is for deflection determination.
- S_e is for bending.
- M_a is the allowable bending moment.
- All values are for one foot of panel width.

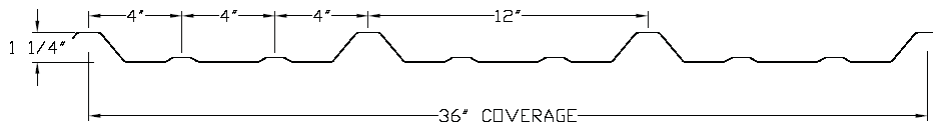
Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	551	310	198	137	101	77	61	49	41	34	29	25	22	19	17	15
	Negative Wind	619	348	223	154	113	87	68	55	46	38	32	28	24	21	19	17
	Live	551	310	198	137	101	77	61	49	41	34	29	25	22	19	17	15
	Deflection (L/180)	1406	593	303	175	110	74	52	37	28	21	17	13	11	9	7	6
	Deflection (L/240)	1054	444	227	131	83	55	39	28	21	16	12	10	8	6	5	4
2 Span	Positive Wind	519	313	207	147	109	84	67	54	45	38	32	28	24	21	19	17
	Negative Wind	477	284	187	132	98	75	60	48	40	34	29	25	21	19	17	15
	Live	519	313	207	147	109	84	67	54	45	38	32	28	24	21	19	17
	Deflection (L/180)	2994	1263	646	374	235	157	110	80	60	46	36	29	23	19	16	13
	Deflection (L/240)	2245	947	485	280	176	118	83	60	45	35	27	22	17	14	12	10
3 Span	Positive Wind	610	376	252	180	134	104	83	67	56	47	40	35	30	26	23	21
	Negative Wind	566	344	229	162	121	93	74	60	50	42	36	31	27	24	21	19
	Live	610	376	252	180	134	104	83	67	56	47	40	35	30	26	23	21
	Deflection (L/180)	2345	989	506	293	184	123	86	63	47	36	28	23	18	15	12	10
	Deflection (L/240)	1759	742	380	219	138	92	65	47	35	27	21	17	14	11	9	8
4 Span	Positive Wind	582	355	238	169	126	97	78	63	52	44	37	32	28	25	22	19
	Negative Wind	538	324	215	152	113	87	69	56	47	39	33	29	25	22	19	17
	Live	582	355	238	169	126	97	78	63	52	44	37	32	28	25	22	19
	Deflection (L/180)	2490	1050	537	311	196	131	92	67	50	38	30	24	19	16	13	11
	Deflection (L/240)	1867	787	403	233	147	98	69	50	37	29	22	18	14	12	10	8

Notes:

- Allowable uniform loads are based upon equal span lengths.
- Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
- Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3 %.
- Live is the allowable live or snow load.
- Deflection (L/180) is the allowable load that limits the panel's deflection to L/180 while under positive or live load.
- Deflection (L/240) is the allowable load that limits the panel's deflection to L/240 while under positive or live load.
- The weight of the panel has **NOT** been deducted from the allowable loads.
- Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
- Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".
- Web crippling values are determined using a ratio of the uniform load **actually** supported by the top flanges of the section.

R-Panel



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
26	50.0	0.87	0.5018	104.75	217.78	0.0403	0.0408	1.1597	0.0323	0.0569	1.3717

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allow able shear.
- P_a is the allow able load for web crippling on end & interior supports.
- I_x is for deflection determination.
- S_e is for bending.
- M_a is the allow able bending moment.
- All values are for one foot of panel width.

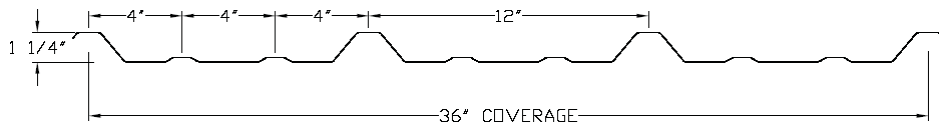
Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	343	193	123	85	63	48	38	30	25	21	18	15	13	12	10	9
	Negative Wind	406	228	146	101	74	57	45	36	30	25	21	18	16	14	12	11
	Live	343	193	123	85	63	48	38	30	25	21	18	15	13	12	10	9
	Deflection (L/180)	1043	440	225	130	82	55	38	28	21	16	12	10	8	6	5	4
	Deflection (L/240)	782	330	169	97	61	41	28	21	15	12	9	7	6	5	4	3
2 Span	Positive Wind	323	198	133	94	70	54	43	35	29	24	21	18	16	14	12	11
	Negative Wind	289	174	115	81	60	46	37	30	25	21	18	15	13	11	10	9
	Live	323	198	133	94	70	54	43	35	29	24	21	18	16	14	12	11
	Deflection (L/180)	2264	955	489	283	178	119	83	61	45	35	27	22	18	14	12	10
	Deflection (L/240)	1698	716	366	212	133	89	62	45	34	26	20	16	13	11	9	7
3 Span	Positive Wind	375	235	160	115	86	67	54	44	36	30	26	22	19	17	15	13
	Negative Wind	340	209	140	100	74	58	46	37	31	26	22	19	16	14	13	11
	Live	375	235	160	115	86	67	54	44	36	30	26	22	19	17	15	13
	Deflection (L/180)	1774	748	383	221	139	93	65	47	35	27	21	17	14	11	9	8
	Deflection (L/240)	1330	561	287	166	104	70	49	35	26	20	16	13	10	8	7	6
4 Span	Positive Wind	359	224	151	108	81	63	50	41	34	28	24	21	18	16	14	13
	Negative Wind	324	197	132	94	70	54	43	35	29	24	21	18	15	13	12	11
	Live	359	224	151	108	81	63	50	41	34	28	24	21	18	16	14	13
	Deflection (L/180)	1883	794	406	235	148	99	69	50	38	29	23	18	15	12	10	8
	Deflection (L/240)	1412	595	305	176	111	74	52	38	28	22	17	13	11	9	7	6

Notes:

- Allowable uniform loads are based upon equal span lengths.
- Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
- Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
- Live is the allow able live or snow load.
- Deflection (L/180) is the allow able load that limits the panel's deflection to L/180 while under positive or live load.
- Deflection (L/240) is the allow able load that limits the panel's deflection to L/240 while under positive or live load.
- The weight of the panel has **NOT** been deducted from the allow able loads.
- Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
- Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".
- Web crippling values are determined using a ratio of the uniform load **actually** supported by the top flanges of the section.

R-Panel



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
26	80.0	0.87	0.5018	125.70	261.34	0.0383	0.0383	1.3760	0.0310	0.0531	1.6277

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allowable shear.
- P_a is the allowable load for web crippling on end & interior supports.
- I_x is for deflection determination.
- S_e is for bending.
- M_a is the allowable bending moment.
- All values are for one foot of panel width.

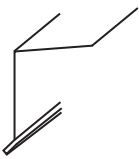
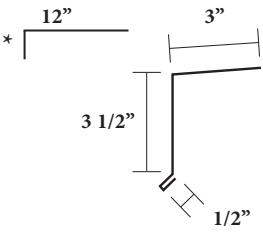

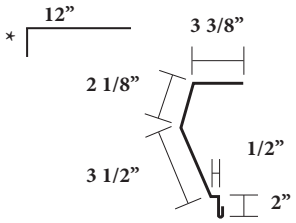
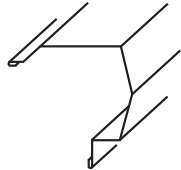
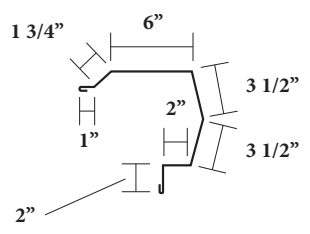
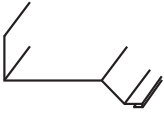
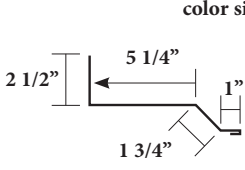

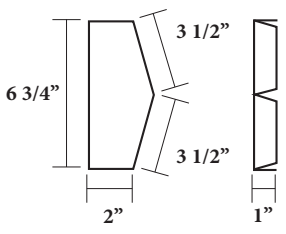
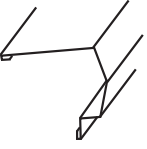
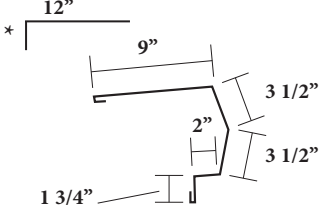

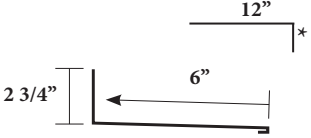
Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	407	229	146	101	74	57	45	36	30	25	21	18	16	14	12	11
	Negative Wind	482	271	173	120	88	67	53	43	35	30	25	22	19	16	15	13
	Live	407	229	146	101	74	57	45	36	30	25	21	18	16	14	12	11
	Deflection (L/180)	991	418	214	123	78	52	36	26	20	15	12	9	7	6	5	4
	Deflection (L/240)	743	313	160	92	58	39	27	20	15	11	9	7	5	4	4	3
2 Span	Positive Wind	358	224	152	109	82	64	51	41	34	29	25	21	18	16	14	13
	Negative Wind	324	199	133	95	71	55	43	35	29	25	21	18	16	14	12	11
	Live	358	224	152	109	82	64	51	41	34	29	25	21	18	16	14	13
	Deflection (L/180)	2161	911	466	270	170	113	80	58	43	33	26	21	17	14	11	10
	Deflection (L/240)	1621	683	350	202	127	85	60	43	32	25	19	15	12	10	8	7
3 Span	Positive Wind	409	263	182	132	100	78	63	51	43	36	31	26	23	20	18	16
	Negative Wind	376	236	160	115	87	67	54	44	36	31	26	22	20	17	15	13
	Live	409	263	182	132	100	78	63	51	43	36	31	26	23	20	18	16
	Deflection (L/180)	1693	714	365	211	133	89	62	45	34	26	20	16	13	11	9	7
	Deflection (L/240)	1270	535	274	158	99	66	47	34	25	19	15	12	10	8	6	5
4 Span	Positive Wind	393	251	172	125	94	73	59	48	40	34	29	25	22	19	17	15
	Negative Wind	360	224	152	109	81	63	50	41	34	29	24	21	18	16	14	13
	Live	393	251	172	125	94	73	59	48	40	34	29	25	22	19	17	15
	Deflection (L/180)	1797	758	388	224	141	94	66	48	36	28	22	17	14	11	9	8
	Deflection (L/240)	1348	568	291	168	106	71	49	36	27	21	16	13	10	8	7	6


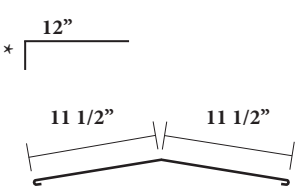
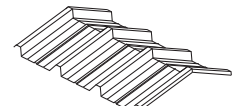
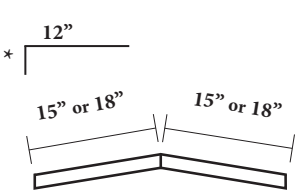
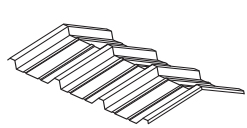
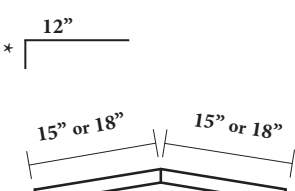
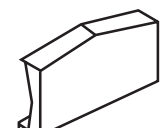
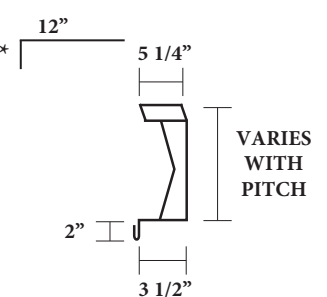
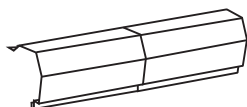
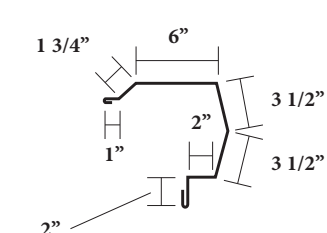
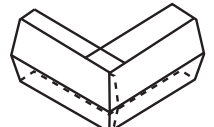
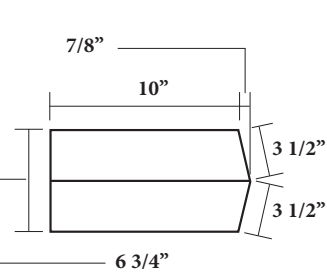
Notes:

- Allowable uniform loads are based upon equal span lengths.
- Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
- Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
- Live is the allowable live or snow load.
- Deflection (L/180) is the allowable load that limits the panel's deflection to L/180 while under positive or live load.
- Deflection (L/240) is the allowable load that limits the panel's deflection to L/240 while under positive or live load.
- The weight of the panel has **NOT** been deducted from the allowable loads.
- Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
- Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".
- Web crippling values are determined using a ratio of the uniform load **actually** supported by the top flanges of the section.

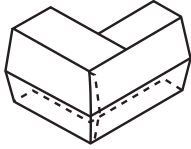
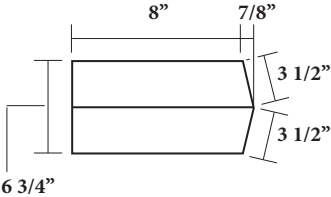
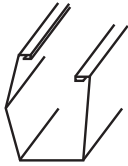
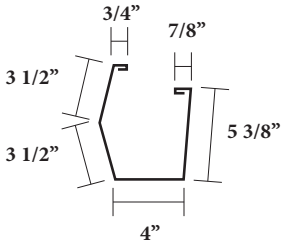
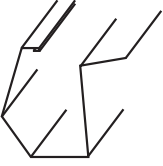
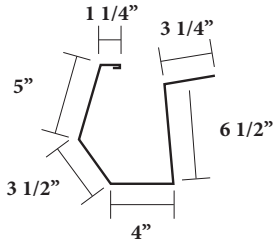

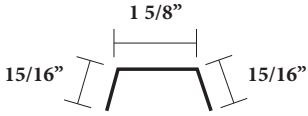
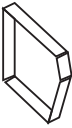
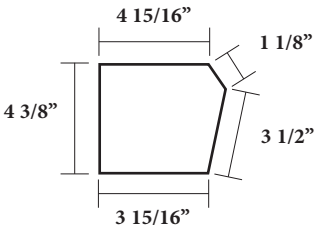

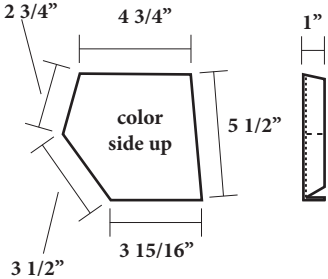
Tremlock R Panel - Trim

Product	GAUGE	UNIT OF MEASURE	LENGTH	WEIGHT	PRICING		Profiles & Dimensions
					BARE	PAINTED	
 Eave Trim* *specify roof pitch	26	EACH	10'-3"	5.25			
	26	EACH	14'-3"	7.42			
 Sculptured Eave Trim* *specify roof pitch	26	EACH	10'-3"	7.95			
	26	EACH	14'-3"	13.04			
 Rake Trim	26	EACH	10'-3"	13.75			
	26	EACH	14'-3"	19.32			
	26	EACH	20'-3"	27.15			
 Rake Tie-In Trim	26	EACH	10'-3"	7.00			<p style="text-align: right;">color side</p> 
	26	EACH	14'-3"	9.80			
 Rake Closure	26	EACH	N/A	.35			
 High Side Eave Flashing* *specify roof pitch	26	EACH	10'-3"	13.85			
	26	EACH	14'-3"	19.46			
	26	EACH	20'-3"	27.35			
 High Side Tie-In Trim* *specify roof pitch	26	EACH	10'-3"	5.90			
	26	EACH	14'-3"	8.26			


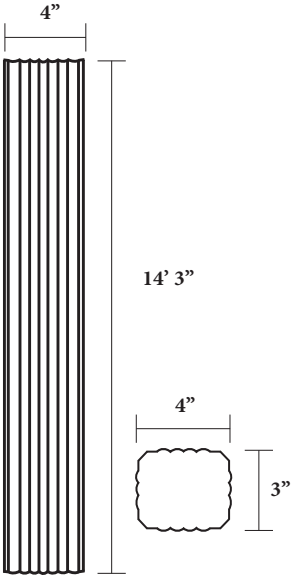
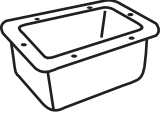
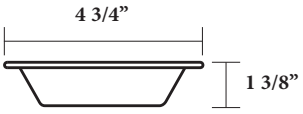

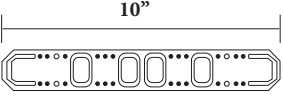
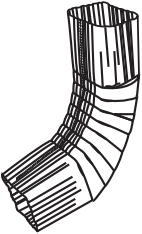
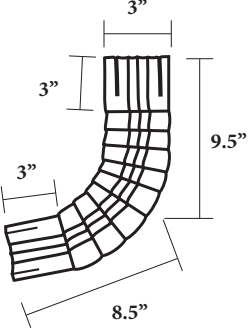

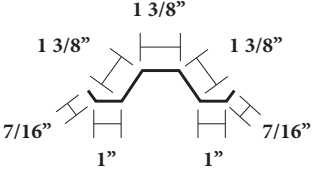
Tremlock R Panel - Trim

Product	GAUGE	UNIT OF MEASURE	LENGTH	WEIGHT	PRICING		Profiles & Dimensions
					BARE	PAINTED	
 Ridge Cap* *specify roof pitch	26	EACH	10'-3"	15.90			
	26	EACH	14'-3"	22.26			
 Multi-Rib Formed Ridge Cap* *specify roof pitch	26	EACH	30"	6.70			
	26	EACH	36"	8.15			
 R-Panel Formed Ridge Cap* *specify roof pitch	*26	EACH	30"	*6.70			
	26	EACH	36"		8.15		
 Fixed Peak Box* *specify roof pitch	26	EACH	1'-8"	2.40			
 Variable Peak Box	26	EACH	4'-0"	5.40			
 ** Outside Corner Box For Standard Gutter (Right Hand Shown Left Hand Opposite)	26	EACH	N/A	2.30			
							** Snow guards required to prevent damage caused by sliding snow.

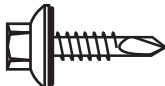

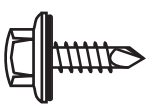

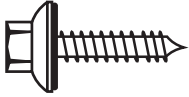
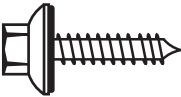

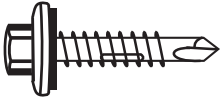
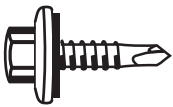
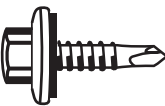


Tremlock R Panel - Trim

Product	GAUGE	UNIT OF MEASURE	LENGTH	WEIGHT	PRICING		Profiles & Dimensions
					BARE	PAINTED	
 High Side Corner Box (Right Hand Shown Left Hand Opposite)	26	EACH	N/A	2.30			
 ** Standard Gutter	26	EACH	10'-3"	12.20	** Snow guards required to prevent damage caused by sliding snow.		
	26	EACH	14'-3"	17.08			
	26	EACH	20'-3"	24.10			
 ** Sculptured Gutter	26	EACH	10'-3"	16.20	** Snow guards required to prevent damage caused by sliding snow.		
	26	EACH	14'-3"	22.68			
	26	EACH	20'-3"	32.00			
 Gutter Strap	26	EACH	0'-6"	.18			
 Standard Gutter End Cap (Right Hand Shown Left Hand Opposite)	26	EACH	N/A	.30			
 Sculptured Gutter End Cap (Right Hand Shown Left Hand Opposite)	26	EACH	N/A	.30			



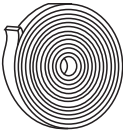
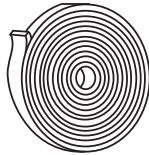








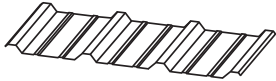
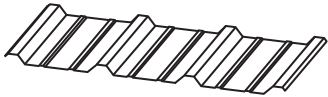
Tremlock R Panel - Trim

Product	GAUGE	UNIT OF MEASURE	LENGTH	WEIGHT	PRICING		Profiles & Dimensions
					BARE	PAINTED	
 <p>3" x 4" Downspout</p>	26	EACH	14'-3"	15.53	N/A		
 <p>Aluminum Downspout Outlet Box</p>	N/A N/A	EACH	N/A	.10			
 <p>Downspout Strap</p>	26	EACH	10"	.04			
 <p>3" X 4" Downspout Elbow A-Style</p>	29	EACH	N/A	.50	N/A		
 <p>Skylight Side Trim-UL90</p>	26	EACH	10'-3"	4.55			

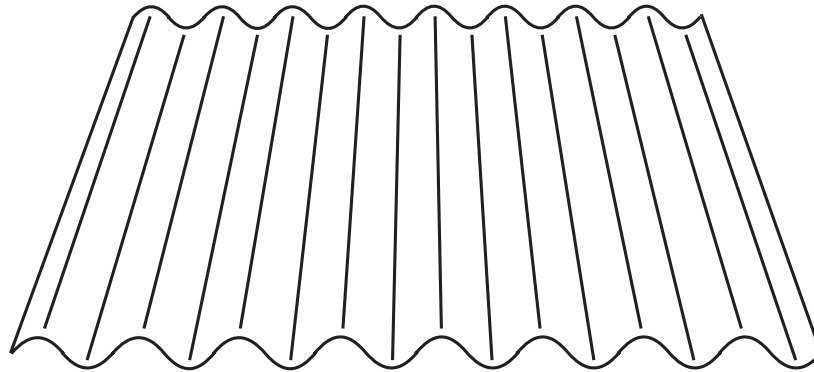
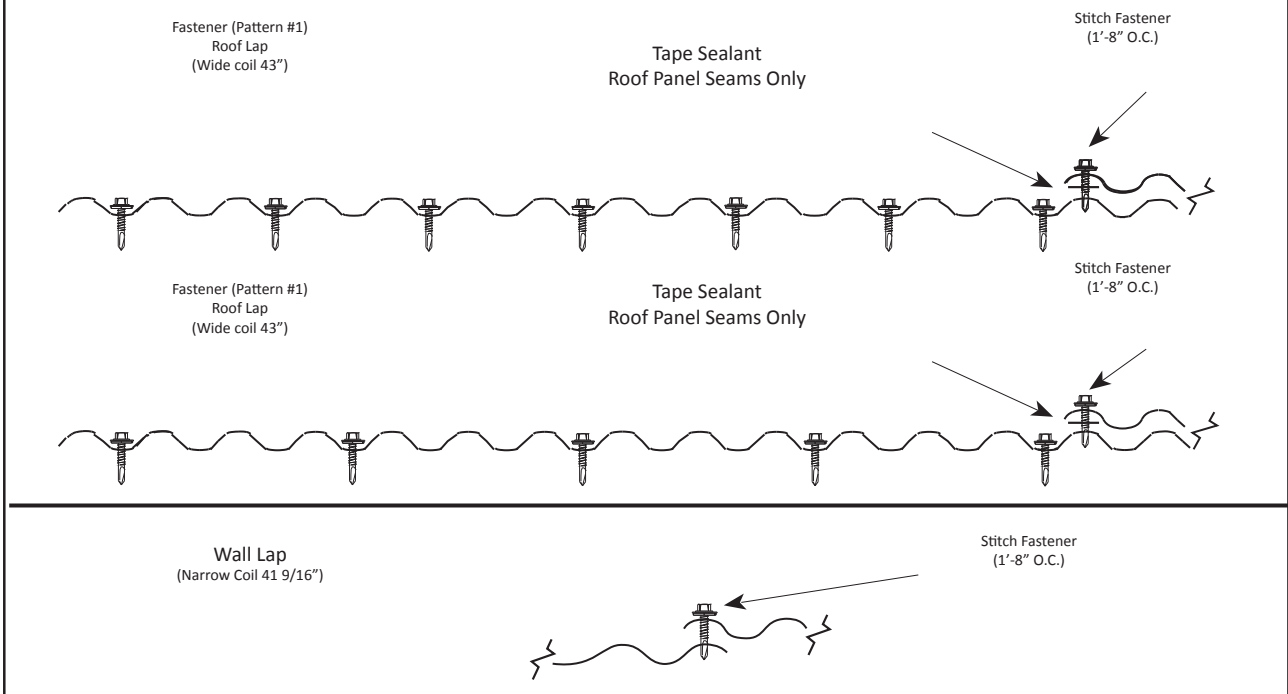
Tremlock R Panel - Accessories

Product	GAUGE	UNIT OF MEASURE	LENGTH	WEIGHT	PRICING		Profiles & Dimensions
					BARE	PAINTED	
 1/4 - 14 x 1 1/4" TEK2 ZAC Self-Driller (Part # Varies by Color)	N/A	PER 1000	1 1/4"	27.00/M	PER THOUSAND	PER THOUSAND	
 1/4-14 x 7/8" LAPTEK ZAC Self-Driller (Part # Varies by Color)	N/A	PER 1000	7/8"	24.80/M	PER THOUSAND	PER THOUSAND	
 #14 x 1 1/2" Type AB ZAC (Part # Varies by Color)	N/A	PER 1000	1 1/2"	28.20/M	PER THOUSAND	PER THOUSAND	
 #12 - 14 x 1 1/4" TEK2 HWH w/washer Self-Driller (Part # Varies by Color)	N/A	PER 1000	1 1/4"	15.50/M	PER THOUSAND	PER THOUSAND	
 1/4 - 14 x 7/8" LAPTEK HWH w/washer Self-Driller (Part # Varies by Color)	N/A	PER 1000	7/8"	16.00/M	PER THOUSAND	PER THOUSAND	
 43D Pop Rivet (Part # Varies by Color)	N/A	PER 1000	1/8"	1.30/M	PER THOUSAND		

Tremlock R Panel - Accessories

Product	GAUGE	UNIT OF MEASURE	LENGTH	WEIGHT	PRICING PER ITEM	Profiles & Dimensions
 Touch-Up Paint Pen (Part # Varies by Color)	N/A	EACH	N/A	2.5 oz		
 Roll Tape Sealant 1/8" x 1" x 30' Item #: 95345	N/A	EACH	30'	2.39		
 White Urethane Sealant Item #: 95320	N/A	EACH	N/A	1.24		
 Butyl Tube Sealant Item #: 95342	N/A	EACH	N/A	1.11		
 R-Panel Inside Closure	N/A	EACH	N/A	.05		
 R-Panel Outside Closure	N/A	EACH	N/A	.05		
 R-Panel Fiberglass Panel	N/A	EACH	11'	17.55		

TremLock M Panel



TremLock M Panel

TremLock S Panel

Fastener (Pattern #1)
Roof Lap
(Wide coil 43")

Tape Sealant
Roof Panel Seams Only

Stitch Fastener
(1'-8" O.C.)



Fastener (Pattern #1)
Roof Lap
(Wide coil 43")

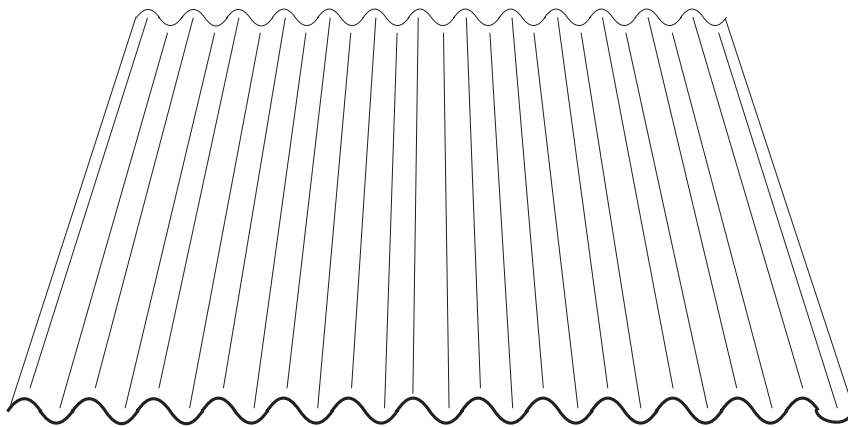
Tape Sealant
Roof Panel Seams Only

Stitch Fastener
(1'-8" O.C.)



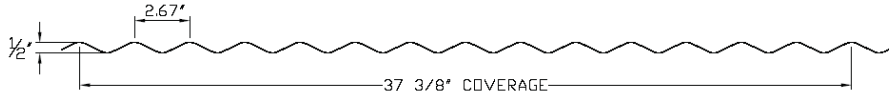
Wall Lap
(Narrow Coil 41 9/16")

Stitch Fastener
(1'-8" O.C.)



TremLock S Panel

M Panel



SECTION PROPERTIES				TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
26	50.0	0.87	1.1632	0.0068	0.0265	0.7939	0.0068	0.0265	0.7939

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allow able shear.
- I_x is for deflection determination.
- S_e is for bending.
- M_a is the allow able bending moment.
- All values are for one foot of panel width.

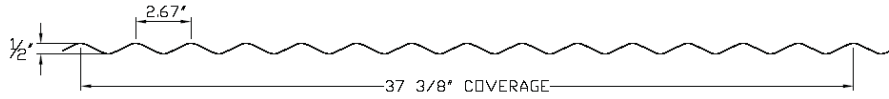
Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	235	132	84	58	43	33	26	21	17	14	12	10	9	8	7	6
	Negative Wind	235	132	84	58	43	33	26	21	17	14	12	10	9	8	7	6
	Live	235	132	84	58	43	33	26	21	17	14	12	10	9	8	7	6
	Deflection (L/180)	176	74	38	22	13	9	6	4	3	2	2	1	1	1	0	0
	Deflection (L/240)	132	55	28	16	10	6	4	3	2	2	1	1	1	0	0	0
2 Span	Positive Wind	231	130	84	58	43	32	26	21	17	14	12	10	9	8	7	6
	Negative Wind	231	130	84	58	43	32	26	21	17	14	12	10	9	8	7	6
	Live	231	130	84	58	43	32	26	21	17	14	12	10	9	8	7	6
	Deflection (L/180)	424	178	91	53	33	22	15	11	8	6	5	4	3	2	2	1
	Deflection (L/240)	318	134	68	39	25	16	11	8	6	4	3	3	2	2	1	1
3 Span	Positive Wind	286	163	104	73	53	41	32	26	21	18	15	13	11	10	9	8
	Negative Wind	286	163	104	73	53	41	32	26	21	18	15	13	11	10	9	8
	Live	286	163	104	73	53	41	32	26	21	18	15	13	11	10	9	8
	Deflection (L/180)	332	140	71	41	26	17	12	8	6	5	4	3	2	2	1	1
	Deflection (L/240)	249	105	53	31	19	13	9	6	5	3	3	2	1	1	1	1
4 Span	Positive Wind	268	152	97	68	50	38	30	24	20	17	14	12	10	9	8	7
	Negative Wind	268	152	97	68	50	38	30	24	20	17	14	12	10	9	8	7
	Live	268	152	97	68	50	38	30	24	20	17	14	12	10	9	8	7
	Deflection (L/180)	352	148	76	44	27	18	13	9	7	5	4	3	2	2	1	1
	Deflection (L/240)	264	111	57	33	20	13	9	7	5	4	3	2	2	1	1	1

Notes:

- Allow able uniform loads are based upon equal span lengths.
- Positive Wind is w ind pressure and is **NOT** increased by 33 1/3 %.
- Negative Wind is w ind suction or uplift and is **NOT** increased by 33 1/3%.
- Live is the allow able live or snow load.
- Deflection (L/180) is the allow able load that limits the panel's deflection to L/180 w hile under positive or live load.
- Deflection (L/240) is the allow able load that limits the panel's deflection to L/240 w hile under positive or live load.
- The w eight of the panel has **NOT** been deducted from the allow able loads.
- Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
- Web crippling has not been checked for this panel.

M Panel



SECTION PROPERTIES				TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
26	80.0	0.87	1.3958	0.0068	0.0265	0.9514	0.0068	0.0265	0.9514

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allow able shear.
- I_x is for deflection determination.
- S_e is for bending.
- M_a is the allow able bending moment.
- All values are for one foot of panel width.

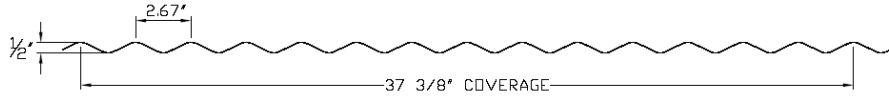
Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	281	158	101	70	51	39	31	25	20	17	15	12	11	9	8	7
	Negative Wind	281	158	101	70	51	39	31	25	20	17	15	12	11	9	8	7
	Live	281	158	101	70	51	39	31	25	20	17	15	12	11	9	8	7
	Deflection (L/180)	176	74	38	22	13	9	6	4	3	2	2	1	1	1	0	0
	Deflection (L/240)	132	55	28	16	10	6	4	3	2	2	1	1	1	0	0	0
2 Span	Positive Wind	276	156	100	70	51	39	31	25	20	17	14	12	11	9	8	7
	Negative Wind	276	156	100	70	51	39	31	25	20	17	14	12	11	9	8	7
	Live	276	156	100	70	51	39	31	25	20	17	14	12	11	9	8	7
	Deflection (L/180)	424	178	91	53	33	22	15	11	8	6	5	4	3	2	2	1
	Deflection (L/240)	318	134	68	39	25	16	11	8	6	4	3	3	2	2	1	1
3 Span	Positive Wind	343	195	125	87	64	49	39	31	26	21	18	16	14	12	10	9
	Negative Wind	343	195	125	87	64	49	39	31	26	21	18	16	14	12	10	9
	Live	343	195	125	87	64	49	39	31	26	21	18	16	14	12	10	9
	Deflection (L/180)	332	140	71	41	26	17	12	8	6	5	4	3	2	2	1	1
	Deflection (L/240)	249	105	53	31	19	13	9	6	5	3	3	2	1	1	1	1
4 Span	Positive Wind	321	182	117	81	60	46	36	29	24	20	17	15	13	11	10	9
	Negative Wind	321	182	117	81	60	46	36	29	24	20	17	15	13	11	10	9
	Live	321	182	117	81	60	46	36	29	24	20	17	15	13	11	10	9
	Deflection (L/180)	352	148	76	44	27	18	13	9	7	5	4	3	2	2	1	1
	Deflection (L/240)	264	111	57	33	20	13	9	7	5	4	3	2	2	1	1	1

Notes:

- Allow able uniform loads are based upon equal span lengths.
- Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
- Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
- Live is the allow able live or snow load.
- Deflection (L/180) is the allow able load that limits the panel's deflection to L/180 while under positive or live load.
- Deflection (L/240) is the allow able load that limits the panel's deflection to L/240 while under positive or live load.
- The weight of the panel has **NOT** been deducted from the allow able loads.
- Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
- Web crippling has not been checked for this panel.

M Panel



SECTION PROPERTIES				TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
29	80.0	0.70	0.9208	0.0055	0.0205	0.7361	0.0055	0.0205	0.7361

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allow able shear.
- I_x is for deflection determination.
- S_e is for bending.
- M_a is the allow able bending moment.
- All values are for one foot of panel width.

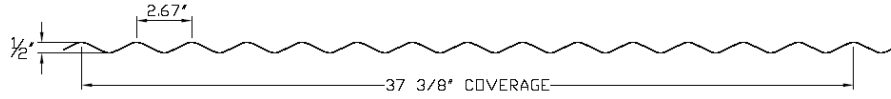
Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	218	122	78	54	40	30	24	19	16	13	11	10	8	7	6	6
	Negative Wind	218	122	78	54	40	30	24	19	16	13	11	10	8	7	6	6
	Live	218	122	78	54	40	30	24	19	16	13	11	10	8	7	6	6
	Deflection (L/180)	142	60	30	17	11	7	5	3	2	2	1	1	1	0	0	0
	Deflection (L/240)	106	45	23	13	8	5	3	2	2	1	1	1	0	0	0	0
2 Span	Positive Wind	212	121	77	54	39	30	24	19	16	13	11	10	8	7	6	6
	Negative Wind	212	121	77	54	39	30	24	19	16	13	11	10	8	7	6	6
	Live	212	121	77	54	39	30	24	19	16	13	11	10	8	7	6	6
	Deflection (L/180)	343	144	74	42	27	18	12	9	6	5	4	3	2	2	1	1
	Deflection (L/240)	257	108	55	32	20	13	9	6	5	4	3	2	2	1	1	1
3 Span	Positive Wind	263	150	96	67	49	38	30	24	20	17	14	12	10	9	8	7
	Negative Wind	263	150	96	67	49	38	30	24	20	17	14	12	10	9	8	7
	Live	263	150	96	67	49	38	30	24	20	17	14	12	10	9	8	7
	Deflection (L/180)	268	113	58	33	21	14	9	7	5	4	3	2	2	1	1	1
	Deflection (L/240)	201	85	43	25	15	10	7	5	4	3	2	1	1	1	1	0
4 Span	Positive Wind	246	140	90	63	46	35	28	22	18	15	13	11	10	8	7	7
	Negative Wind	246	140	90	63	46	35	28	22	18	15	13	11	10	8	7	7
	Live	246	140	90	63	46	35	28	22	18	15	13	11	10	8	7	7
	Deflection (L/180)	285	120	61	35	22	15	10	7	5	4	3	2	2	1	1	1
	Deflection (L/240)	214	90	46	26	16	11	7	5	4	3	2	2	1	1	1	0

Notes:

- Allow able uniform loads are based upon equal span lengths.
- Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
- Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
- Live is the allow able live or snow load.
- Deflection (L/180) is the allow able load that limits the panel's deflection to L/180 while under positive or live load.
- Deflection (L/240) is the allow able load that limits the panel's deflection to L/240 while under positive or live load.
- The weight of the panel has **NOT** been deducted from the allow able loads.
- Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
- Web crippling has not been checked for this panel.

M Panel



SECTION PROPERTIES				TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
24	50.0	1.10	1.4757	0.0096	0.0334	0.9996	0.0096	0.0334	0.9996

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allow able shear.
- I_x is for deflection determination.
- S_e is for bending.
- M_a is the allow able bending moment.
- All values are for one foot of panel width.

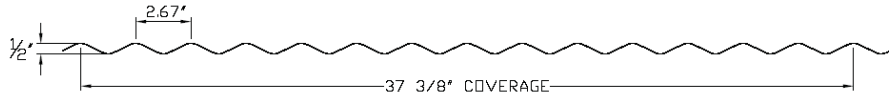
Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	296	166	106	74	54	41	32	26	22	18	15	13	11	10	9	8
	Negative Wind	296	166	106	74	54	41	32	26	22	18	15	13	11	10	9	8
	Live	296	166	106	74	54	41	32	26	22	18	15	13	11	10	9	8
	Deflection (L/180)	248	104	53	31	19	13	9	6	5	3	3	2	1	1	1	1
	Deflection (L/240)	186	78	40	23	14	9	6	5	3	2	2	1	1	1	1	0
2 Span	Positive Wind	291	164	105	73	54	41	32	26	22	18	15	13	11	10	9	8
	Negative Wind	291	164	105	73	54	41	32	26	22	18	15	13	11	10	9	8
	Live	291	164	105	73	54	41	32	26	22	18	15	13	11	10	9	8
	Deflection (L/180)	598	252	129	74	47	31	22	16	12	9	7	5	4	3	3	2
	Deflection (L/240)	449	189	97	56	35	23	16	12	9	7	5	4	3	2	2	2
3 Span	Positive Wind	361	205	132	91	67	51	41	33	27	23	19	16	14	13	11	10
	Negative Wind	361	205	132	91	67	51	41	33	27	23	19	16	14	13	11	10
	Live	361	205	132	91	67	51	41	33	27	23	19	16	14	13	11	10
	Deflection (L/180)	469	197	101	58	36	24	17	12	9	7	5	4	3	3	2	2
	Deflection (L/240)	351	148	76	43	27	18	13	9	7	5	4	3	2	2	1	1
4 Span	Positive Wind	337	191	123	85	63	48	38	31	25	21	18	15	13	12	10	9
	Negative Wind	337	191	123	85	63	48	38	31	25	21	18	15	13	12	10	9
	Live	337	191	123	85	63	48	38	31	25	21	18	15	13	12	10	9
	Deflection (L/180)	498	210	107	62	39	26	18	13	10	7	6	4	3	3	2	2
	Deflection (L/240)	373	157	80	46	29	19	13	10	7	5	4	3	2	2	2	1

Notes:

- Allow able uniform loads are based upon equal span lengths.
- Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
- Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
- Live is the allow able live or snow load.
- Deflection (L/180) is the allow able load that limits the panel's deflection to L/180 while under positive or live load.
- Deflection (L/240) is the allow able load that limits the panel's deflection to L/240 while under positive or live load.
- The weight of the panel has **NOT** been deducted from the allow able loads.
- Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
- Web crippling has not been checked for this panel.

M Panel



SECTION PROPERTIES				TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
24	80.0	1.10	1.7708	0.0096	0.0334	1.2021	0.0096	0.0334	1.2021

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allow able shear.
- I_x is for deflection determination.
- S_e is for bending.
- M_a is the allow able bending moment.
- All values are for one foot of panel width.

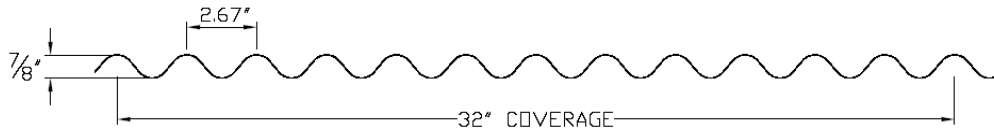
Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	356	200	128	89	65	50	39	32	26	22	18	16	14	12	11	9
	Negative Wind	356	200	128	89	65	50	39	32	26	22	18	16	14	12	11	9
	Live	356	200	128	89	65	50	39	32	26	22	18	16	14	12	11	9
	Deflection (L/180)	248	104	53	31	19	13	9	6	5	3	3	2	1	1	1	1
	Deflection (L/240)	186	78	40	23	14	9	6	5	3	2	2	1	1	1	1	0
2 Span	Positive Wind	350	198	127	88	65	49	39	32	26	22	18	16	14	12	11	9
	Negative Wind	350	198	127	88	65	49	39	32	26	22	18	16	14	12	11	9
	Live	350	198	127	88	65	49	39	32	26	22	18	16	14	12	11	9
	Deflection (L/180)	598	252	129	74	47	31	22	16	12	9	7	5	4	3	3	2
	Deflection (L/240)	449	189	97	56	35	23	16	12	9	7	5	4	3	2	2	2
3 Span	Positive Wind	434	246	158	110	81	62	49	39	33	27	23	20	17	15	13	12
	Negative Wind	434	246	158	110	81	62	49	39	33	27	23	20	17	15	13	12
	Live	434	246	158	110	81	62	49	39	33	27	23	20	17	15	13	12
	Deflection (L/180)	469	197	101	58	36	24	17	12	9	7	5	4	3	3	2	2
	Deflection (L/240)	351	148	76	43	27	18	13	9	7	5	4	3	2	2	1	1
4 Span	Positive Wind	406	230	148	103	76	58	46	37	30	25	22	19	16	14	12	11
	Negative Wind	406	230	148	103	76	58	46	37	30	25	22	19	16	14	12	11
	Live	406	230	148	103	76	58	46	37	30	25	22	19	16	14	12	11
	Deflection (L/180)	498	210	107	62	39	26	18	13	10	7	6	4	3	3	2	2
	Deflection (L/240)	373	157	80	46	29	19	13	10	7	5	4	3	2	2	2	1

Notes:

- Allow able uniform loads are based upon equal span lengths.
- Positive Wind is w ind pressure and is **NOT** increased by 33 1/3 %.
- Negative Wind is w ind suction or uplift and is **NOT** increased by 33 1/3%.
- Live is the allow able live or snow load.
- Deflection (L/180) is the allow able load that limits the panel's deflection to L/180 w hile under positive or live load.
- Deflection (L/240) is the allow able load that limits the panel's deflection to L/240 w hile under positive or live load.
- The w eight of the panel has **NOT** been deducted from the allow able loads.
- Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
- Web crippling has not been checked for this panel.

S Panel



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
26	80.0	1.02	1.6154	543.28	680.70	0.0259	0.0572	2.0550	0.0259	0.0572	2.0550

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allowable shear.
- P_a is the allowable load for web crippling on end & interior supports.
- I_x is for deflection determination.
- S_e is for bending.
- M_a is the allowable bending moment.
- All values are for one foot of panel width.

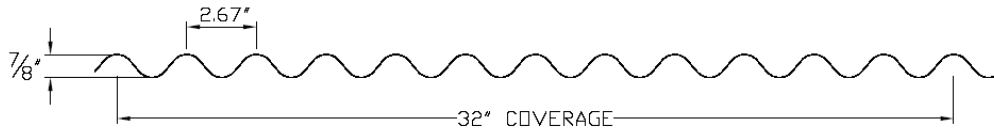
Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	608	342	219	152	111	85	67	54	45	38	32	27	24	21	18	16
	Negative Wind	608	342	219	152	111	85	67	54	45	38	32	27	24	21	18	16
	Live	608	342	219	152	111	85	67	54	45	38	32	27	24	21	18	16
	Deflection (L/180)	670	282	144	83	52	35	24	18	13	10	8	6	5	4	3	3
	Deflection (L/240)	503	212	108	62	39	26	18	13	10	7	6	4	4	3	2	2
2 Span	Positive Wind	363	272	214	149	110	84	67	54	45	37	32	27	24	21	18	16
	Negative Wind	574	331	214	149	110	84	67	54	45	37	32	27	24	21	18	16
	Live	363	272	214	149	110	84	67	54	45	37	32	27	24	21	18	16
	Deflection (L/180)	1615	681	349	201	127	85	59	43	32	25	19	15	12	10	8	7
	Deflection (L/240)	1211	511	261	151	95	63	44	32	24	18	14	11	9	7	6	5
3 Span	Positive Wind	412	309	247	186	137	105	83	67	56	47	40	34	30	26	23	21
	Negative Wind	700	407	265	186	137	105	83	67	56	47	40	34	30	26	23	21
	Live	412	309	247	186	137	105	83	67	56	47	40	34	30	26	23	21
	Deflection (L/180)	1265	534	273	158	99	66	46	34	25	19	15	12	10	8	6	5
	Deflection (L/240)	949	400	205	118	74	50	35	25	19	14	11	9	7	6	5	4
4 Span	Positive Wind	397	297	238	174	128	98	78	63	52	44	37	32	28	24	22	19
	Negative Wind	659	382	248	174	128	98	78	63	52	44	37	32	28	24	22	19
	Live	397	297	238	174	128	98	78	63	52	44	37	32	28	24	22	19
	Deflection (L/180)	1343	566	290	167	105	70	49	36	27	20	16	13	10	8	7	6
	Deflection (L/240)	1007	425	217	125	79	53	37	27	20	15	12	9	8	6	5	4

Notes:

- Allowable uniform loads are based upon equal span lengths.
- Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
- Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
- Live is the allowable live or snow load.
- Deflection (L/180) is the allowable load that limits the panel's deflection to L/180 while under positive or live load.
- Deflection (L/240) is the allowable load that limits the panel's deflection to L/240 while under positive or live load.
- The weight of the panel has **NOT** been deducted from the allowable loads.
- Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
- Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".

S Panel



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
29	80.0	0.82	1.2967	319.73	381.51	0.0203	0.0438	1.5750	0.0203	0.0438	1.5750

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allowable shear.
- P_a is the allowable load for web crippling on end & interior supports.
- I_x is for deflection determination.
- S_e is for bending.
- M_a is the allowable bending moment.
- All values are for one foot of panel width.

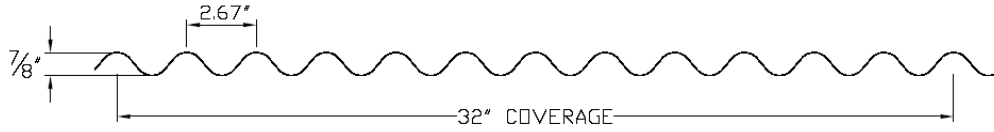
Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	426	262	168	116	85	65	51	42	34	29	24	21	18	16	14	12
	Negative Wind	466	262	168	116	85	65	51	42	34	29	24	21	18	16	14	12
	Live	426	262	168	116	85	65	51	42	34	29	24	21	18	16	14	12
	Deflection (L/180)	525	221	113	65	41	27	19	14	10	8	6	5	4	3	2	2
	Deflection (L/240)	394	166	85	49	31	20	14	10	7	6	4	3	3	2	2	1
2 Span	Positive Wind	203	152	122	101	84	65	51	41	34	29	24	21	18	16	14	12
	Negative Wind	442	254	164	115	84	65	51	41	34	29	24	21	18	16	14	12
	Live	203	152	122	101	84	65	51	41	34	29	24	21	18	16	14	12
	Deflection (L/180)	1266	534	273	158	99	66	46	34	25	19	15	12	10	8	6	5
	Deflection (L/240)	949	400	205	118	74	50	35	25	19	14	11	9	7	6	5	4
3 Span	Positive Wind	231	173	138	115	99	81	64	52	43	36	30	26	23	20	18	16
	Negative Wind	540	313	204	142	105	81	64	52	43	36	30	26	23	20	18	16
	Live	231	173	138	115	99	81	64	52	43	36	30	26	23	20	18	16
	Deflection (L/180)	992	418	214	124	78	52	36	26	20	15	12	9	7	6	5	4
	Deflection (L/240)	744	313	160	93	58	39	27	20	15	11	9	7	5	4	4	3
4 Span	Positive Wind	222	166	133	111	95	75	60	48	40	33	28	24	21	19	16	15
	Negative Wind	508	294	191	133	98	75	60	48	40	33	28	24	21	19	16	15
	Live	222	166	133	111	95	75	60	48	40	33	28	24	21	19	16	15
	Deflection (L/180)	1053	444	227	131	82	55	39	28	21	16	12	10	8	6	5	4
	Deflection (L/240)	789	333	170	98	62	41	29	21	16	12	9	7	6	5	4	3

Notes:

- Allowable uniform loads are based upon equal span lengths.
- Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
- Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
- Live is the allowable live or snow load.
- Deflection (L/180) is the allowable load that limits the panel's deflection to L/180 while under positive or live load.
- Deflection (L/240) is the allowable load that limits the panel's deflection to L/240 while under positive or live load.
- The weight of the panel has **NOT** been deducted from the allowable loads.
- Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
- Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".

S Panel



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
24	50.0	1.29	1.6933	767.24	995.88	0.0345	0.0768	2.2988	0.0345	0.0768	2.2988

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allow able shear.
- P_a is the allow able load for web crippling on end & interior supports.
- I_x is for deflection determination.
- S_e is for bending.
- M_a is the allow able bending moment.
- All values are for one foot of panel width.

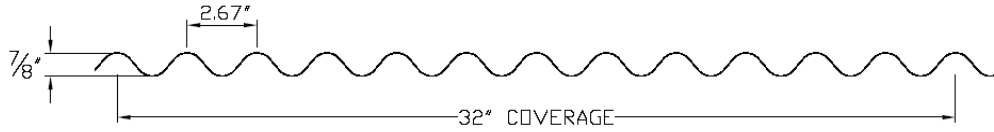
Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	681	383	245	170	125	95	75	61	50	42	36	31	27	23	21	18
	Negative Wind	681	383	245	170	125	95	75	61	50	42	36	31	27	23	21	18
	Live	681	383	245	170	125	95	75	61	50	42	36	31	27	23	21	18
	Deflection (L/180)	893	376	192	111	70	47	33	24	18	13	10	8	7	5	4	4
	Deflection (L/240)	670	282	144	83	52	35	24	18	13	10	8	6	5	4	3	3
2 Span	Positive Wind	531	368	239	167	123	94	75	60	50	42	36	31	27	23	21	18
	Negative Wind	637	368	239	167	123	94	75	60	50	42	36	31	27	23	21	18
	Live	531	368	239	167	123	94	75	60	50	42	36	31	27	23	21	18
	Deflection (L/180)	2152	908	464	269	169	113	79	58	43	33	26	21	17	14	11	9
	Deflection (L/240)	1614	681	348	201	127	85	59	43	32	25	19	15	12	10	8	7
3 Span	Positive Wind	603	452	295	207	153	118	93	75	62	52	45	38	33	29	26	23
	Negative Wind	775	453	295	207	153	118	93	75	62	52	45	38	33	29	26	23
	Live	603	452	295	207	153	118	93	75	62	52	45	38	33	29	26	23
	Deflection (L/180)	1686	711	364	210	132	88	62	45	34	26	20	16	13	11	9	7
	Deflection (L/240)	1264	533	273	158	99	66	46	34	25	19	15	12	10	8	6	5
4 Span	Positive Wind	580	425	277	194	143	110	87	70	58	49	42	36	31	27	24	22
	Negative Wind	730	425	277	194	143	110	87	70	58	49	42	36	31	27	24	22
	Live	580	425	277	194	143	110	87	70	58	49	42	36	31	27	24	22
	Deflection (L/180)	1789	755	386	223	140	94	66	48	36	27	21	17	14	11	9	8
	Deflection (L/240)	1342	566	289	167	105	70	49	36	27	20	16	13	10	8	7	6

Notes:

- Allowable uniform loads are based upon equal span lengths.
- Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
- Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
- Live is the allowable live or snow load.
- Deflection (L/180) is the allowable load that limits the panel's deflection to L/180 while under positive or live load.
- Deflection (L/240) is the allowable load that limits the panel's deflection to L/240 while under positive or live load.
- The weight of the panel has **NOT** been deducted from the allowable loads.
- Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
- Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".

S Panel



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
24	80.0	1.29	2.0319	920.69	1195.06	0.0345	0.0764	2.7413	0.0345	0.0764	2.7413

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allow able shear.
- P_a is the allow able load for web crippling on end & interior supports.
- I_x is for deflection determination.
- S_e is for bending.
- M_a is the allow able bending moment.
- All values are for one foot of panel width.

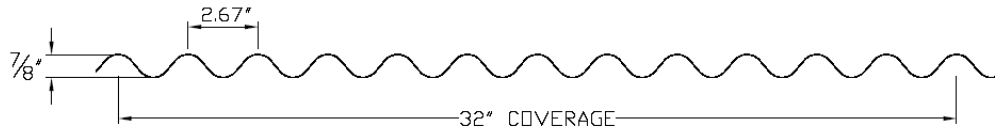
Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	812	456	292	203	149	114	90	73	60	50	43	37	32	28	25	22
	Negative Wind	812	456	292	203	149	114	90	73	60	50	43	37	32	28	25	22
	Live	812	456	292	203	149	114	90	73	60	50	43	37	32	28	25	22
	Deflection (L/180)	893	376	192	111	70	47	33	24	18	13	10	8	7	5	4	4
	Deflection (L/240)	670	282	144	83	52	35	24	18	13	10	8	6	5	4	3	3
2 Span	Positive Wind	637	439	285	199	147	113	89	72	60	50	43	37	32	28	25	22
	Negative Wind	760	439	285	199	147	113	89	72	60	50	43	37	32	28	25	22
	Live	637	439	285	199	147	113	89	72	60	50	43	37	32	28	25	22
	Deflection (L/180)	2152	908	464	269	169	113	79	58	43	33	26	21	17	14	11	9
	Deflection (L/240)	1614	681	348	201	127	85	59	43	32	25	19	15	12	10	8	7
3 Span	Positive Wind	724	541	352	247	183	140	111	90	74	63	53	46	40	35	31	28
	Negative Wind	925	541	352	247	183	140	111	90	74	63	53	46	40	35	31	28
	Live	724	541	352	247	183	140	111	90	74	63	53	46	40	35	31	28
	Deflection (L/180)	1686	711	364	210	132	88	62	45	34	26	20	16	13	11	9	7
	Deflection (L/240)	1264	533	273	158	99	66	46	34	25	19	15	12	10	8	6	5
4 Span	Positive Wind	697	507	330	231	171	131	104	84	70	58	50	43	37	33	29	26
	Negative Wind	872	507	330	231	171	131	104	84	70	58	50	43	37	33	29	26
	Live	697	507	330	231	171	131	104	84	70	58	50	43	37	33	29	26
	Deflection (L/180)	1789	755	386	223	140	94	66	48	36	27	21	17	14	11	9	8
	Deflection (L/240)	1342	566	289	167	105	70	49	36	27	20	16	13	10	8	7	6

Notes:

- Allow able uniform loads are based upon equal span lengths.
- Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
- Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
- Live is the allow able live or snow load.
- Deflection (L/180) is the allow able load that limits the panel's deflection to L/180 while under positive or live load.
- Deflection (L/240) is the allow able load that limits the panel's deflection to L/240 while under positive or live load.
- The weight of the panel has **NOT** been deducted from the allow able loads.
- Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
- Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".

S Panel



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
26	50.0	1.02	1.3461	452.73	567.25	0.0266	0.0595	1.7813	0.0266	0.0595	1.7813

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allow able shear.
- P_a is the allow able load for web crippling on end & interior supports.
- I_x is for deflection determination.
- S_e is for bending.
- M_a is the allow able bending moment.
- All values are for one foot of panel width.

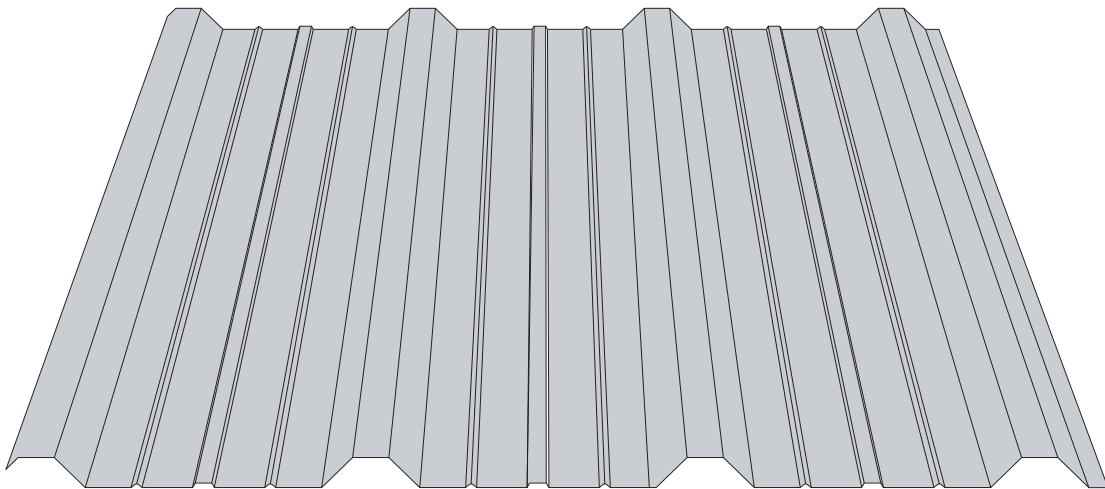
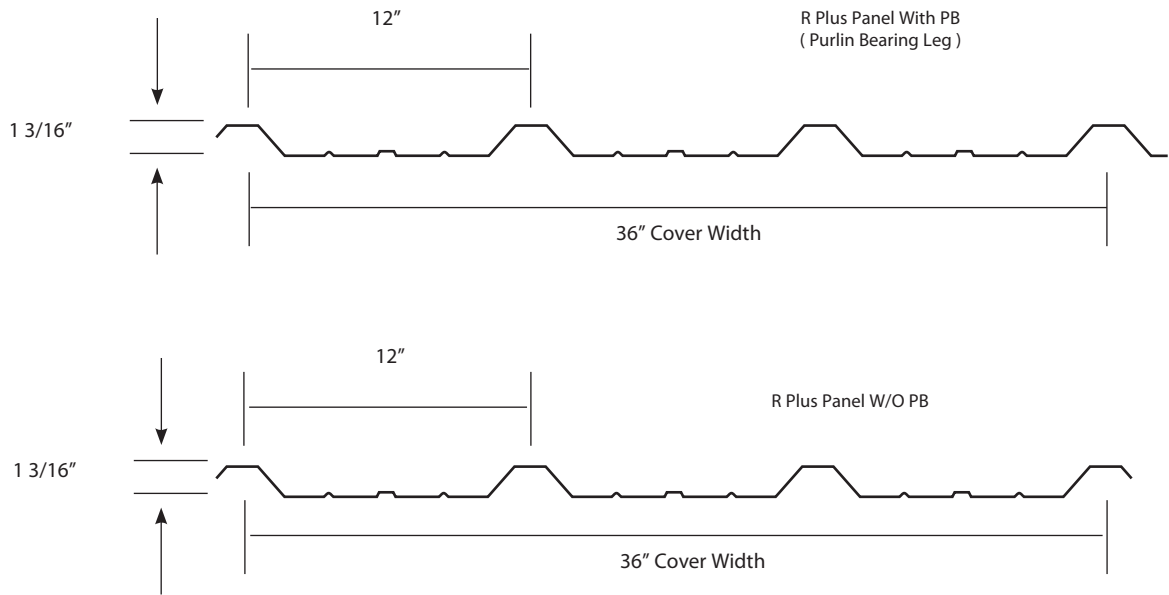
Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	527	296	190	131	96	74	58	47	39	32	28	24	21	18	16	14
	Negative Wind	527	296	190	131	96	74	58	47	39	32	28	24	21	18	16	14
	Live	527	296	190	131	96	74	58	47	39	32	28	24	21	18	16	14
	Deflection (L/180)	688	290	148	86	54	36	25	18	13	10	8	6	5	4	3	3
	Deflection (L/240)	516	217	111	64	40	27	19	13	10	8	6	5	4	3	2	2
2 Span	Positive Wind	302	226	181	129	95	73	58	47	39	32	28	24	21	18	16	14
	Negative Wind	495	286	185	129	95	73	58	47	39	32	28	24	21	18	16	14
	Live	302	226	181	129	95	73	58	47	39	32	28	24	21	18	16	14
	Deflection (L/180)	1659	700	358	207	130	87	61	44	33	25	20	16	13	10	9	7
	Deflection (L/240)	1244	525	268	155	97	65	46	33	25	19	15	12	9	8	6	5
3 Span	Positive Wind	343	257	206	161	119	91	72	58	48	40	34	30	26	23	20	18
	Negative Wind	603	352	229	161	119	91	72	58	48	40	34	30	26	23	20	18
	Live	343	257	206	161	119	91	72	58	48	40	34	30	26	23	20	18
	Deflection (L/180)	1300	548	280	162	102	68	48	35	26	20	15	12	10	8	7	6
	Deflection (L/240)	975	411	210	121	76	51	36	26	19	15	11	9	7	6	5	4
4 Span	Positive Wind	330	248	198	150	111	85	67	54	45	38	32	28	24	21	19	17
	Negative Wind	568	330	215	150	111	85	67	54	45	38	32	28	24	21	19	17
	Live	330	248	198	150	111	85	67	54	45	38	32	28	24	21	19	17
	Deflection (L/180)	1380	582	298	172	108	72	51	37	27	21	16	13	11	9	7	6
	Deflection (L/240)	1035	436	223	129	81	54	38	27	20	16	12	10	8	6	5	4

Notes:

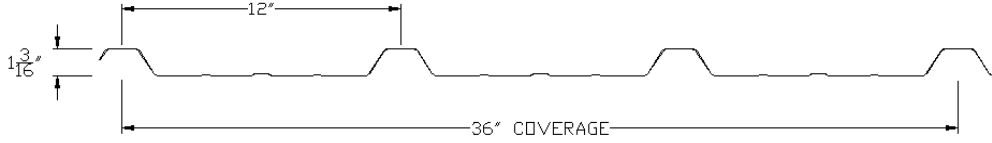
- Allow able uniform loads are based upon equal span lengths.
- Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
- Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
- Live is the allow able live or snow load.
- Deflection (L/180) is the allow able load that limits the panel's deflection to L/180 while under positive or live load.
- Deflection (L/240) is the allow able load that limits the panel's deflection to L/240 while under positive or live load.
- The weight of the panel has **NOT** been deducted from the allow able loads.
- Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
- Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".

TremLock R Plus Panel



TremLock R Plus Panel

R Plus Panel



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
24	80.0	1.14	1.0863	268.00	452.99	0.0510	0.0559	2.0100	0.0317	0.0521	1.8700

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allow able shear.
- P_a is the allow able load for web crippling on end & interior supports.
- I_x is for deflection determination.
- S_e is for bending.
- M_a is the allow able bending moment.
- All values are for one foot of panel width.

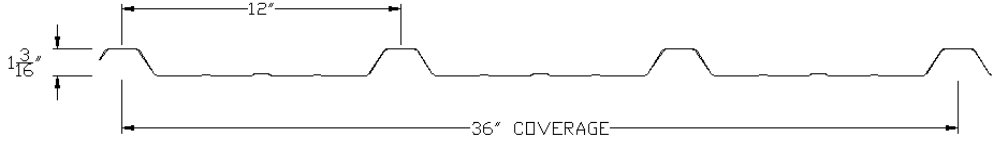
Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	595	335	214	148	109	83	66	53	44	37	31	27	23	20	18	16
	Negative Wind	554	311	199	138	101	77	61	49	41	34	29	25	22	19	17	15
	Live	595	335	214	148	109	83	66	53	44	37	31	27	23	20	18	16
	Deflection (L/180)	1320	557	285	165	103	69	48	35	26	20	16	12	10	8	7	6
	Deflection (L/240)	990	417	213	123	77	52	36	26	20	15	12	9	7	6	5	4
2 Span	Positive Wind	499	293	191	134	99	76	60	49	40	34	29	25	22	19	17	15
	Negative Wind	529	312	204	144	106	82	65	52	43	36	31	27	23	20	18	16
	Live	499	293	191	134	99	76	60	49	40	34	29	25	22	19	17	15
	Deflection (L/180)	2579	1088	557	322	203	136	95	69	52	40	31	25	20	17	14	11
	Deflection (L/240)	1934	816	417	241	152	102	71	52	39	30	23	19	15	12	10	8
3 Span	Positive Wind	600	357	235	166	123	95	75	61	50	42	36	31	27	24	21	19
	Negative Wind	633	380	251	177	132	101	81	65	54	45	39	33	29	25	23	20
	Live	600	357	235	166	123	95	75	61	50	42	36	31	27	24	21	19
	Deflection (L/180)	2020	852	436	252	159	106	74	54	40	31	24	19	16	13	11	9
	Deflection (L/240)	1515	639	327	189	119	79	56	40	30	23	18	14	12	9	8	7
4 Span	Positive Wind	568	336	221	155	115	89	70	57	47	40	34	29	25	22	20	17
	Negative Wind	600	358	236	166	123	95	75	61	51	42	36	31	27	24	21	19
	Live	568	336	221	155	115	89	70	57	47	40	34	29	25	22	20	17
	Deflection (L/180)	2145	905	463	268	168	113	79	57	43	33	26	21	17	14	11	9
	Deflection (L/240)	1608	678	347	201	126	84	59	43	32	25	19	15	12	10	8	7

Notes:

- Allow able uniform loads are based upon equal span lengths.
- Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
- Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
- Live is the allow able live or snow load.
- Deflection (L/180) is the allow able load that limits the panel's deflection to L/180 while under positive or live load.
- Deflection (L/240) is the allow able load that limits the panel's deflection to L/240 while under positive or live load.
- The weight of the panel has **NOT** been deducted from the allow able loads.
- Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
- Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".
- Web crippling values are determined using a ratio of the uniform load **actually** supported by the top flanges of the section.

R Plus Panel



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
24	50.0	1.14	0.9053	223.34	377.49	0.0523	0.0576	1.7233	0.0327	0.0543	1.6267

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allow able shear.
- P_a is the allow able load for web crippling on end & interior supports.
- I_x is for deflection determination.
- S_e is for bending.
- M_a is the allow able bending moment.
- All values are for one foot of panel width.

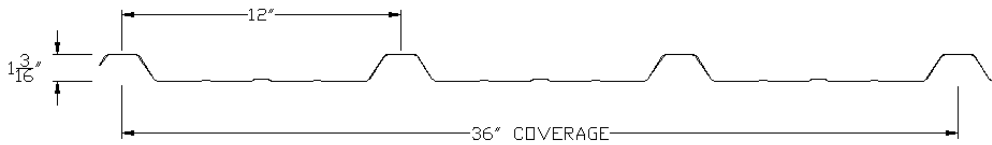
Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	510	287	183	127	93	71	56	45	37	31	27	23	20	17	15	14
	Negative Wind	481	271	173	120	88	67	53	43	35	30	25	22	19	16	15	13
	Live	510	287	183	127	93	71	56	45	37	31	27	23	20	17	15	14
	Deflection (L/180)	1354	571	292	169	106	71	50	36	27	21	16	13	10	8	7	6
	Deflection (L/240)	1015	428	219	126	79	53	37	27	20	15	12	9	8	6	5	4
2 Span	Positive Wind	431	253	166	116	86	66	52	42	35	29	25	22	19	16	14	13
	Negative Wind	451	266	175	123	91	70	55	45	37	31	26	23	20	17	15	14
	Live	431	253	166	116	86	66	52	42	35	29	25	22	19	16	14	13
	Deflection (L/180)	2651	1118	572	331	208	139	98	71	53	41	32	26	21	17	14	12
	Deflection (L/240)	1988	838	429	248	156	104	73	53	40	31	24	19	15	13	10	9
3 Span	Positive Wind	516	309	204	144	107	82	65	53	44	37	31	27	23	21	18	16
	Negative Wind	538	324	214	152	113	87	69	56	46	39	33	29	25	22	19	17
	Live	516	309	204	144	107	82	65	53	44	37	31	27	23	21	18	16
	Deflection (L/180)	2077	876	448	259	163	109	76	56	42	32	25	20	16	13	11	9
	Deflection (L/240)	1557	657	336	194	122	82	57	42	31	24	19	15	12	10	8	7
4 Span	Positive Wind	489	291	191	135	100	77	61	49	41	34	29	25	22	19	17	15
	Negative Wind	510	305	201	142	105	81	64	52	43	36	31	27	23	20	18	16
	Live	489	291	191	135	100	77	61	49	41	34	29	25	22	19	17	15
	Deflection (L/180)	2204	930	476	275	173	116	81	59	44	34	27	21	17	14	12	10
	Deflection (L/240)	1653	697	357	206	130	87	61	44	33	25	20	16	13	10	9	7

Notes:

- Allow able uniform loads are based upon equal span lengths.
- Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
- Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
- Live is the allow able live or snow load.
- Deflection (L/180) is the allow able load that limits the panel's deflection to L/180 while under positive or live load.
- Deflection (L/240) is the allow able load that limits the panel's deflection to L/240 while under positive or live load.
- The weight of the panel has **NOT** been deducted from the allow able loads.
- Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
- Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".
- Web crippling values are determined using a ratio of the uniform load **actually** supported by the top flanges of the section.

R Plus Panel



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a,end} lbs/ft.	P _{a,int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
22	50.0	1.49	1.1949	394.05	651.12	0.0733	0.0825	2.4700	0.0467	0.0780	2.2833

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allow able shear.
- P_a is the allow able load for web crippling on end & interior supports.
- I_x is for deflection determination.
- S_e is for bending.
- M_a is the allow able bending moment.
- All values are for one foot of panel width.

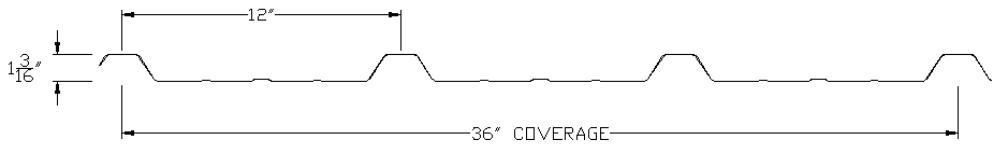
Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	731	411	263	182	134	102	81	65	54	45	38	33	29	25	22	20
	Negative Wind	676	380	243	169	124	95	75	60	50	42	36	31	27	23	21	18
	Live	731	411	263	182	134	102	81	65	54	45	38	33	29	25	22	20
	Deflection (L/180)	1898	800	410	237	149	100	70	51	38	29	23	18	15	12	10	8
	Deflection (L/240)	1423	600	307	177	112	75	52	38	28	22	17	14	11	9	7	6
2 Span	Positive Wind	597	353	232	163	121	93	74	60	49	41	35	30	26	23	20	18
	Negative Wind	634	378	249	175	130	100	79	64	53	45	38	33	29	25	22	20
	Live	597	353	232	163	121	93	74	60	49	41	35	30	26	23	20	18
	Deflection (L/180)	3743	1579	808	467	294	197	138	101	75	58	46	36	29	24	20	17
	Deflection (L/240)	2807	1184	606	350	220	148	103	75	56	43	34	27	22	18	15	12
3 Span	Positive Wind	713	429	284	201	149	115	91	74	61	52	44	38	33	29	26	23
	Negative Wind	753	457	304	216	161	124	99	80	66	56	48	41	36	31	28	25
	Live	713	429	284	201	149	115	91	74	61	52	44	38	33	29	26	23
	Deflection (L/180)	2932	1237	633	366	230	154	108	79	59	45	36	28	23	19	16	13
	Deflection (L/240)	2199	927	475	274	173	115	81	59	44	34	27	21	17	14	12	10
4 Span	Positive Wind	676	404	267	188	140	108	85	69	57	48	41	35	31	27	24	21
	Negative Wind	715	431	286	202	151	116	92	75	62	52	44	38	33	29	26	23
	Live	676	404	267	188	140	108	85	69	57	48	41	35	31	27	24	21
	Deflection (L/180)	3112	1313	672	389	245	164	115	84	63	48	38	30	24	20	17	14
	Deflection (L/240)	2334	984	504	291	183	123	86	63	47	36	28	22	18	15	12	10

Notes:

- Allow able uniform loads are based upon equal span lengths.
- Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
- Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
- Live is the allow able live or snow load.
- Deflection (L/180) is the allow able load that limits the panel's deflection to L/180 while under positive or live load.
- Deflection (L/240) is the allow able load that limits the panel's deflection to L/240 while under positive or live load.
- The weight of the panel has **NOT** been deducted from the allow able loads.
- Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
- Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".
- Web crippling values are determined using a ratio of the uniform load **actually** supported by the top flanges of the section.

R Plus Panel



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
29	80.0	0.73	0.4333	97.38	178.14	0.0263	0.0280	1.0060	0.0183	0.0291	1.0463

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allow able shear.
- P_a is the allow able load for web crippling on end & interior supports.
- I_x is for deflection determination.
- S_e is for bending.
- M_a is the allow able bending moment.
- All values are for one foot of panel width.

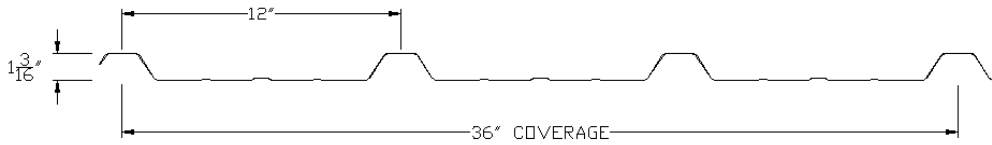
Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	298	167	107	74	54	41	33	26	22	18	15	13	11	10	9	8
	Negative Wind	310	174	111	77	56	43	34	27	23	19	16	14	12	10	9	8
	Live	298	167	107	74	54	41	33	26	22	18	15	13	11	10	9	8
	Deflection (L/180)	681	287	147	85	53	35	25	18	13	10	8	6	5	4	3	3
	Deflection (L/240)	510	215	110	63	40	26	18	13	10	7	6	5	4	3	2	2
2 Span	Positive Wind	257	155	103	73	54	42	33	27	22	19	16	14	12	10	9	8
	Negative Wind	250	150	100	70	52	40	32	26	21	18	15	13	11	10	9	8
	Live	257	155	103	73	54	42	33	27	22	19	16	14	12	10	9	8
	Deflection (L/180)	1391	586	300	173	109	73	51	37	28	21	17	13	11	9	7	6
	Deflection (L/240)	1043	440	225	130	82	55	38	28	21	16	12	10	8	6	5	4
3 Span	Positive Wind	301	186	125	89	67	52	41	33	28	23	20	17	15	13	11	10
	Negative Wind	294	181	121	86	64	50	40	32	27	22	19	16	14	12	11	10
	Live	301	186	125	89	67	52	41	33	28	23	20	17	15	13	11	10
	Deflection (L/180)	1089	459	235	136	85	57	40	29	22	17	13	10	8	7	5	5
	Deflection (L/240)	817	344	176	102	64	43	30	22	16	12	10	8	6	5	4	3
4 Span	Positive Wind	287	176	118	84	63	48	38	31	26	22	18	16	14	12	11	9
	Negative Wind	280	171	114	81	60	47	37	30	25	21	18	15	13	12	10	9
	Live	287	176	118	84	63	48	38	31	26	22	18	16	14	12	11	9
	Deflection (L/180)	1156	488	249	144	91	61	42	31	23	18	14	11	9	7	6	5
	Deflection (L/240)	867	366	187	108	68	45	32	23	17	13	10	8	6	5	4	4

Notes:

- Allow able uniform loads are based upon equal span lengths.
- Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
- Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
- Live is the allow able live or snow load.
- Deflection (L/180) is the allow able load that limits the panel's deflection to L/180 while under positive or live load.
- Deflection (L/240) is the allow able load that limits the panel's deflection to L/240 while under positive or live load.
- The weight of the panel has **NOT** been deducted from the allow able loads.
- Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
- Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".
- Web crippling values are determined using a ratio of the uniform load **actually** supported by the top flanges of the section.

R Plus Panel



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
26	80.0	0.90	0.6987	161.44	282.01	0.0373	0.0405	1.4537	0.0240	0.0386	1.3857

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allow able shear.
- P_a is the allow able load for web crippling on end & interior supports.
- I_x is for deflection determination.
- S_e is for bending.
- M_a is the allow able bending moment.
- All values are for one foot of panel width.

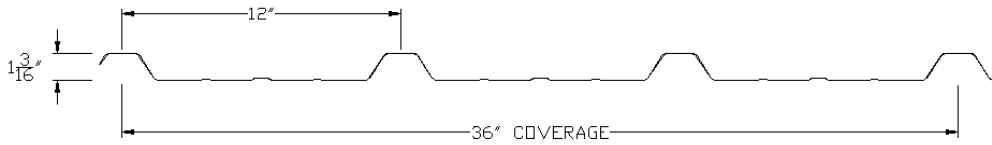
Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	430	242	155	107	79	60	47	38	32	26	22	19	17	15	13	11
	Negative Wind	410	230	147	102	75	57	45	36	30	25	21	18	16	14	12	11
	Live	430	242	155	107	79	60	47	38	32	26	22	19	17	15	13	11
	Deflection (L/180)	966	407	208	120	76	50	35	26	19	15	11	9	7	6	5	4
	Deflection (L/240)	724	305	156	90	57	38	26	19	14	11	8	7	5	4	3	3
2 Span	Positive Wind	359	213	140	98	73	56	44	36	30	25	21	18	16	14	12	11
	Negative Wind	372	222	146	103	76	59	46	38	31	26	22	19	17	15	13	11
	Live	359	213	140	98	73	56	44	36	30	25	21	18	16	14	12	11
	Deflection (L/180)	1912	806	413	239	150	100	70	51	38	29	23	18	15	12	10	8
	Deflection (L/240)	1434	605	309	179	112	75	53	38	29	22	17	14	11	9	7	6
3 Span	Positive Wind	428	258	171	121	90	70	55	45	37	31	27	23	20	17	15	14
	Negative Wind	442	268	178	127	94	73	58	47	39	33	28	24	21	18	16	14
	Live	428	258	171	121	90	70	55	45	37	31	27	23	20	17	15	14
	Deflection (L/180)	1497	631	323	187	117	78	55	40	30	23	18	14	11	9	8	6
	Deflection (L/240)	1123	473	242	140	88	59	41	30	22	17	13	11	8	7	6	5
4 Span	Positive Wind	406	244	161	114	84	65	52	42	35	29	25	21	19	16	14	13
	Negative Wind	420	253	168	119	88	68	54	44	36	30	26	22	19	17	15	13
	Live	406	244	161	114	84	65	52	42	35	29	25	21	19	16	14	13
	Deflection (L/180)	1590	670	343	198	125	83	58	42	32	24	19	15	12	10	8	7
	Deflection (L/240)	1192	503	257	149	93	62	44	32	24	18	14	11	9	7	6	5

Notes:

- Allow able uniform loads are based upon equal span lengths.
- Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
- Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
- Live is the allow able live or snow load.
- Deflection (L/180) is the allow able load that limits the panel's deflection to L/180 while under positive or live load.
- Deflection (L/240) is the allow able load that limits the panel's deflection to L/240 while under positive or live load.
- The weight of the panel has **NOT** been deducted from the allow able loads.
- Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
- Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".
- Web crippling values are determined using a ratio of the uniform load **actually** supported by the top flanges of the section.

R Plus Panel



SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a kip-in./ft.
26	50.0	0.90	0.6378	134.53	235.01	0.0387	0.0422	1.2643	0.0247	0.0402	1.2023

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allow able shear.
- P_a is the allow able load for web crippling on end & interior supports.
- I_x is for deflection determination.
- S_e is for bending.
- M_a is the allow able bending moment.
- All values are for one foot of panel width.

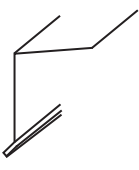
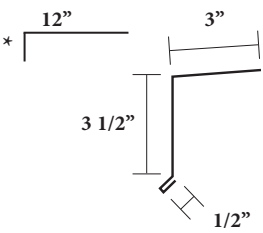
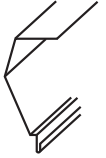
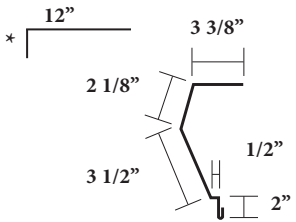
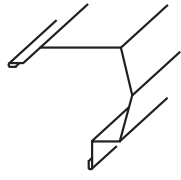
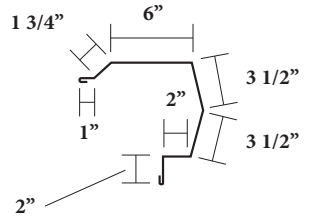
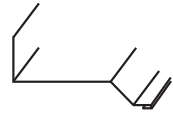
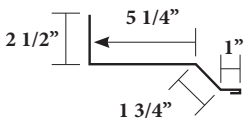

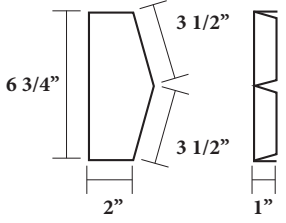
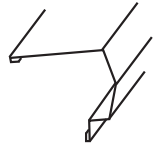
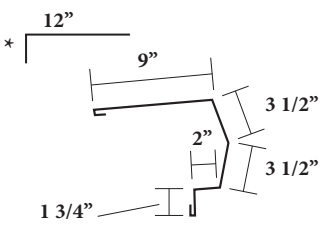

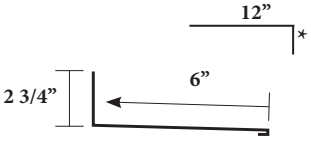
Allowable Uniform Loads (PSF)

Span Type	Load Type	Span in Feet															
		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
Single	Positive Wind	374	210	134	93	68	52	41	33	27	23	19	17	14	13	11	10
	Negative Wind	356	200	128	89	65	50	39	32	26	22	18	16	14	12	11	9
	Live	374	210	134	93	68	52	41	33	27	23	19	17	14	13	11	10
	Deflection (L/180)	1002	422	216	125	78	52	37	27	20	15	12	9	8	6	5	4
	Deflection (L/240)	751	317	162	93	59	39	27	20	15	11	9	7	6	4	4	3
2 Span	Positive Wind	315	186	122	86	63	49	38	31	26	22	18	16	14	12	11	9
	Negative Wind	328	194	128	90	66	51	40	33	27	23	19	17	14	13	11	10
	Live	315	186	122	86	63	49	38	31	26	22	18	16	14	12	11	9
	Deflection (L/180)	1977	834	427	247	155	104	73	53	40	30	24	19	15	13	10	9
	Deflection (L/240)	1483	625	320	185	116	78	54	40	30	23	18	14	11	9	8	6
3 Span	Positive Wind	377	226	150	106	78	60	48	39	32	27	23	20	17	15	13	12
	Negative Wind	390	236	156	111	82	63	50	41	34	28	24	21	18	16	14	12
	Live	377	226	150	106	78	60	48	39	32	27	23	20	17	15	13	12
	Deflection (L/180)	1549	653	334	193	121	81	57	41	31	24	19	15	12	10	8	7
	Deflection (L/240)	1161	490	250	145	91	61	43	31	23	18	14	11	9	7	6	5
4 Span	Positive Wind	357	213	140	99	73	57	45	36	30	25	21	18	16	14	12	11
	Negative Wind	370	222	147	104	77	59	47	38	32	26	23	19	17	15	13	12
	Live	357	213	140	99	73	57	45	36	30	25	21	18	16	14	12	11
	Deflection (L/180)	1644	693	355	205	129	86	60	44	33	25	20	16	13	10	9	7
	Deflection (L/240)	1233	520	266	154	97	65	45	33	25	19	15	12	9	8	6	5

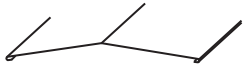
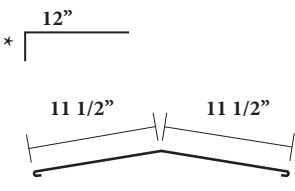
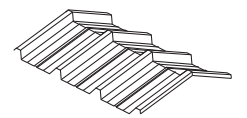
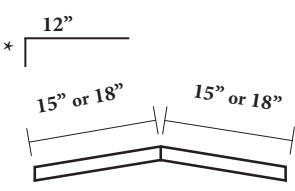
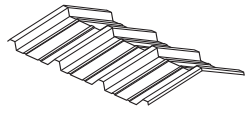
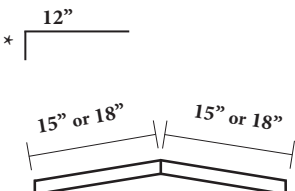
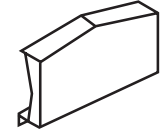
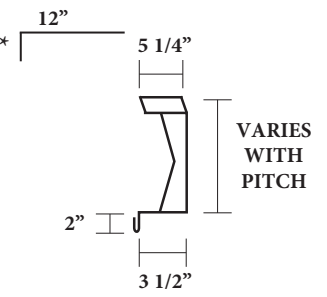
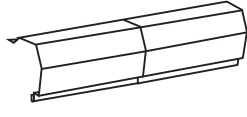
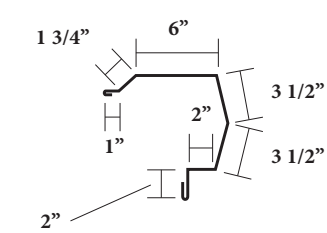
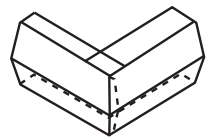
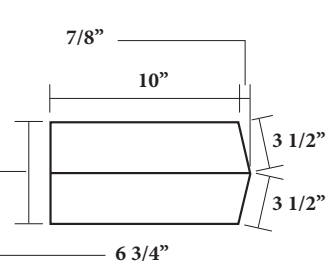
Notes:

- Allow able uniform loads are based upon equal span lengths.
- Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
- Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3%.
- Live is the allow able live or snow load.
- Deflection (L/180) is the allow able load that limits the panel's deflection to L/180 while under positive or live load.
- Deflection (L/240) is the allow able load that limits the panel's deflection to L/240 while under positive or live load.
- The weight of the panel has **NOT** been deducted from the allow able loads.
- Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
- Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".
- Web crippling values are determined using a ratio of the uniform load **actually** supported by the top flanges of the section.

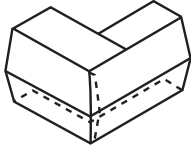
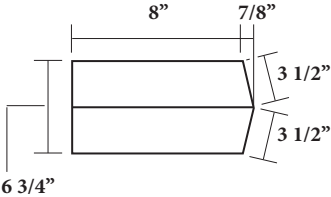
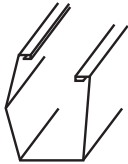
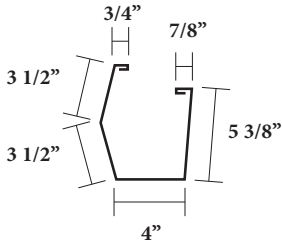
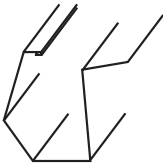
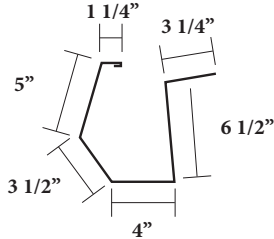

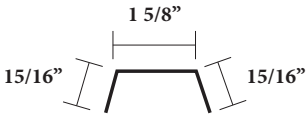
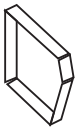
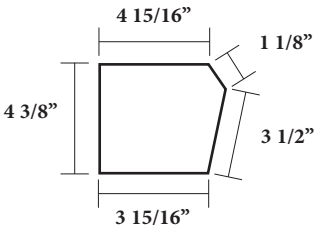

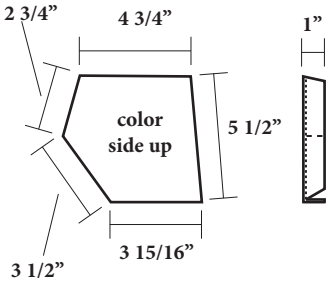
Tremlock R Plus Panel - Trim

Product	GAUGE	UNIT OF MEASURE	LENGTH	WEIGHT	PRICING		Profiles & Dimensions
					BARE	PAINTED	
 Eave Trim* *specify roof pitch	26	EACH	10'-3"	5.25			
	26	EACH	14'-3"	7.42			
 Sculptured Eave Trim* *specify roof pitch	26	EACH	10'-3"	7.95			
	26	EACH	14'-3"	13.04			
 Rake Trim	26	EACH	10'-3"	13.75			
	26	EACH	14'-3"	19.32			
	26	EACH	20'-3"	27.15			
 Rake Tie-In Trim	26	EACH	10'-3"	7.00			<p style="text-align: right;">color side</p> 
	26	EACH	14'-3"	9.80			
 Rake Closure	26	EACH	N/A	.35			
 High Side Eave Flashing* *specify roof pitch	26	EACH	10'-3"	13.85			
	26	EACH	14'-3"	19.46			
	26	EACH	20'-3"	27.35			
 High Side Tie-In Trim* *specify roof pitch	26	EACH	10'-3"	5.90			
	26	EACH	14'-3"	8.26			


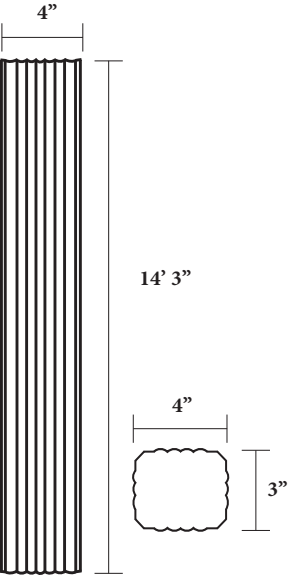
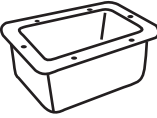
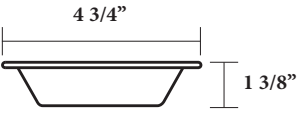

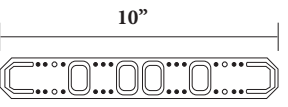
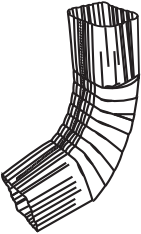
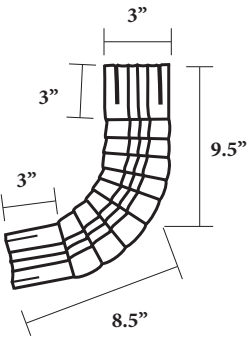

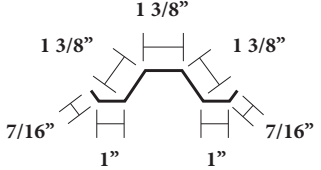
Tremlock R Plus Panel - Trim

Product	GAUGE	UNIT OF MEASURE	LENGTH	WEIGHT	PRICING		Profiles & Dimensions
					BARE	PAINTED	
 Ridge Cap* *specify roof pitch	26	EACH	10'-3"	15.90			
	26	EACH	14'-3"	22.26			
 Multi-Rib Formed Ridge Cap* *specify roof pitch	26	EACH	30"	6.70			
	26	EACH	36"	8.15			
 R-Panel Formed Ridge Cap* *specify roof pitch	*26	EACH	30"	*6.70			
	26	EACH	36"		8.15		
 Fixed Peak Box* *specify roof pitch	26	EACH	1'-8"	2.40			
 Variable Peak Box	26	EACH	4'-0"	5.40			
 ** Outside Corner Box For Standard Gutter (Right Hand Shown Left Hand Opposite)	26	EACH	N/A	2.30			
						** Snow guards required to prevent damage caused by sliding snow.	





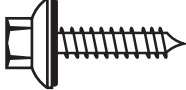
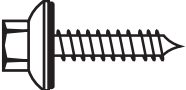






Tremlock R Plus Panel - Trim

Product	GAUGE	UNIT OF MEASURE	LENGTH	WEIGHT	PRICING		Profiles & Dimensions
					BARE	PAINTED	
 High Side Corner Box (Right Hand Shown Left Hand Opposite)	26	EACH	N/A	2.30			
 ** Standard Gutter	26	EACH	10'-3"	12.20	** Snow guards required to prevent damage caused by sliding snow.		
	26	EACH	14'-3"	17.08			
	26	EACH	20'-3"	24.10			
 ** Sculptured Gutter	26	EACH	10'-3"	16.20	** Snow guards required to prevent damage caused by sliding snow.		
	26	EACH	14'-3"	22.68			
	26	EACH	20'-3"	32.00			
 Gutter Strap	26	EACH	0'-6"	.18			
 Standard Gutter End Cap (Right Hand Shown Left Hand Opposite)	26	EACH	N/A	.30			
 Sculptured Gutter End Cap (Right Hand Shown Left Hand Opposite)	26	EACH	N/A	.30			



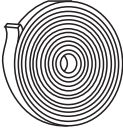
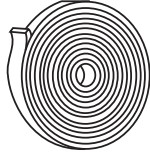





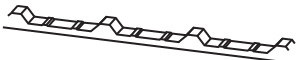


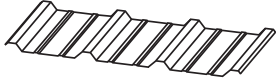
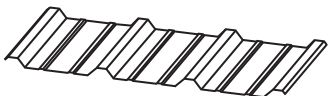
Tremlock R Plus Panel - Trim

Product	GAUGE	UNIT OF MEASURE	LENGTH	WEIGHT	PRICING		Profiles & Dimensions
					BARE	PAINTED	
 <p>3" x 4" Downspout</p>	26	EACH	14'-3"	15.53	N/A		
 <p>Aluminum Downspout Outlet Box</p>	N/A N/A	EACH	N/A	.10			
 <p>Downspout Strap</p>	26	EACH	10"	.04			
 <p>3" X 4" Downspout Elbow A-Style</p>	29	EACH	N/A	.50	N/A		
 <p>Skylight Side Trim-UL90</p>	26	EACH	10'-3"	4.55			

Tremlock R Plus Panel - Accessories

Product	GAUGE	UNIT OF MEASURE	LENGTH	WEIGHT	PRICING		Profiles & Dimensions
					BARE	PAINTED	
 <p>1/4 - 14 x 1 1/4" TEK2 ZAC Self-Driller (Part # Varies by Color)</p>	N/A	PER 1000	1 1/4"	27.00/M	PER THOUSAND	PER THOUSAND	
 <p>1/4-14 x 7/8" LAPTEK ZAC Self-Driller (Part # Varies by Color)</p>	N/A	PER 1000	7/8"	24.80/M	PER THOUSAND	PER THOUSAND	
 <p>#14 x 1 1/2" Type AB ZAC (Part # Varies by Color)</p>	N/A	PER 1000	1 1/2"	28.20/M	PER THOUSAND	PER THOUSAND	
 <p>#12 - 14 x 1 1/4" TEK2 HWH w/washer Self-Driller (Part # Varies by Color)</p>	N/A	PER 1000	1 1/4"	15.50/M	PER THOUSAND	PER THOUSAND	
 <p>1/4 - 14 x 7/8" LAPTEK HWH w/washer Self-Driller (Part # Varies by Color)</p>	N/A	PER 1000	7/8"	16.00/M	PER THOUSAND	PER THOUSAND	
 <p>43D Pop Rivet (Part # Varies by Color)</p>	N/A	PER 1000	1/8"	1.30/M	PER THOUSAND		

Tremlock R Plus Panel - Accessories

Product	GAUGE	UNIT OF MEASURE	LENGTH	WEIGHT	PRICING PER ITEM	Profiles & Dimensions
 <p>Touch-Up Paint Pen (Part # Varies by Color)</p>	N/A	EACH	N/A	2.5 oz		
 <p>Roll Tape Sealant 1/8" x 1" x 30' Item #: 95345</p>	N/A	EACH	30'	2.39		
 <p>White Urethane Sealant Item #: 95320</p>	N/A	EACH	N/A	1.24		
 <p>Butyl Tube Sealant Item #: 95342</p>	N/A	EACH	N/A	1.11		
 <p>R-Panel Inside Closure</p>	N/A	EACH	N/A	.05		
 <p>R-Panel Outside Closure</p>	N/A	EACH	N/A	.05		
 <p>R-Panel Fiberglass Panel</p>	N/A	EACH	11'	17.55		

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