

built-up and modified bitumen

**RESTORATION
COATING SYSTEMS**

*for Built-Up and
Modified Bitumen Roofs*



**RESTORATION
SOLUTIONS**

for **ROOFS**
and **WALLS**



REPUBLIC
RESTORATION SYSTEMS

TREMCO

Republic Restoration Systems by Tremco offers a variety of waterproofing, weatherproofing and reflective coating systems to restore and extend the life of your built-up or modified bitumen roof system.

- INCREASES SERVICE LIFE OF YOUR EXISTING ROOF SYSTEM
- PROVIDES WATERPROOFING FOR A LEAK-FREE ROOF SYSTEM
- ADDS A REFLECTIVE SURFACE TO REDUCE ENERGY COSTS
- ELIMINATES DISRUPTIVE TEAR-OFF FOR A FRACTION OF THE COST

Before a product or system can be selected or even recommended, a complete inspection of your roof system needs to be conducted to determine your roof's condition and problems. Republic Restoration Systems by Tremco offers no-obligation roof inspections necessary to provide you with the most beneficial solution to your particular roofing need.

Several key areas of your built-up or modified bitumen roof system will be inspected to help determine your maintenance, repair and restoration options. These areas include the roof surface, flashings and penetrations.

Roof surface. First and foremost an overall assessment of the roof's surface is recorded, noting any ponding areas, signs of heavy traffic, clogged drains and gutters and miscellaneous debris or litter on the roof. Then the surface area is inspected for many common roof problems.

Blisters. Raised areas of the membrane that have pulled away from the substrate or inter-ply delamination.

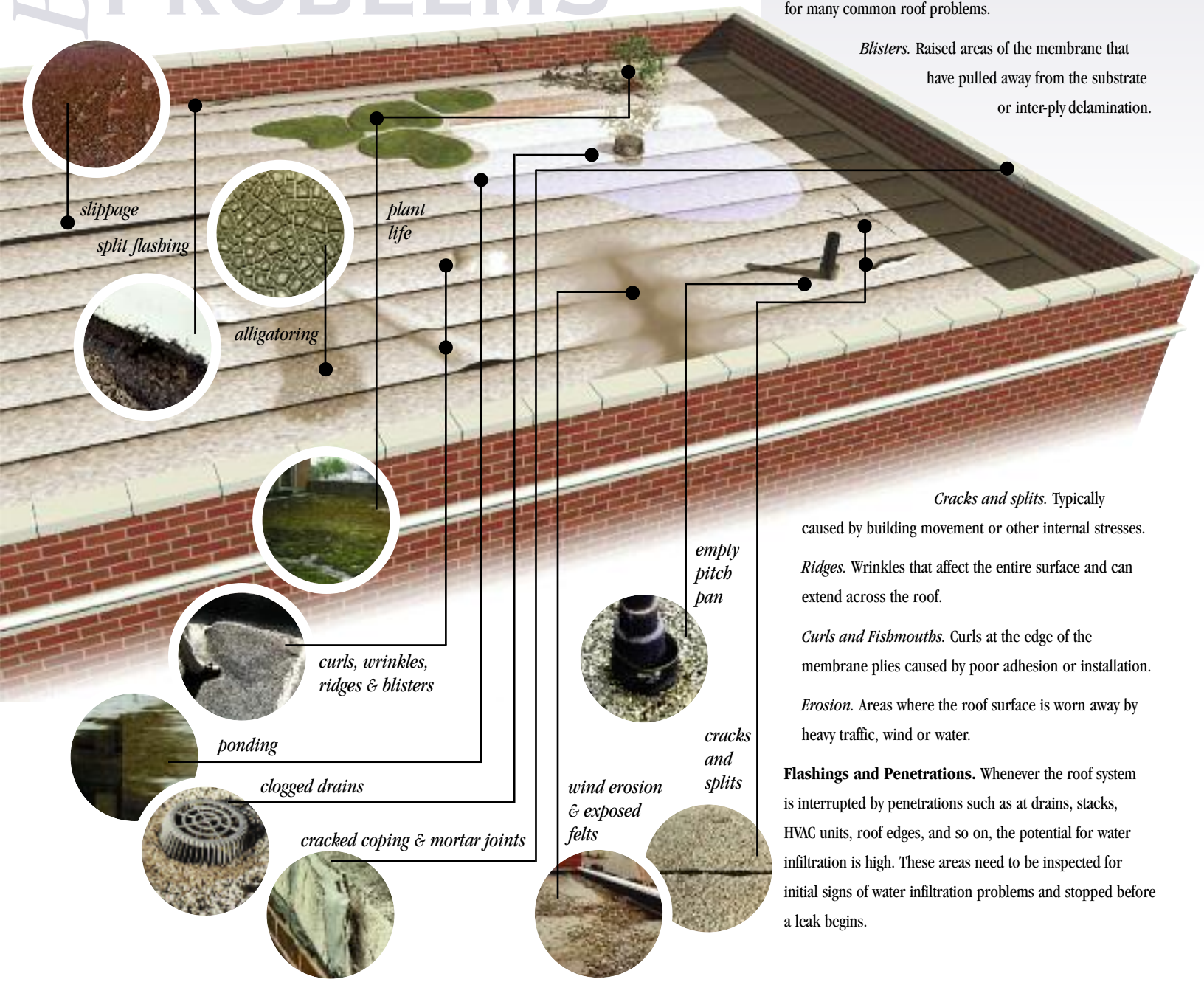
Cracks and splits. Typically caused by building movement or other internal stresses.

Ridges. Wrinkles that affect the entire surface and can extend across the roof.

Curls and Fishmouths. Curls at the edge of the membrane plies caused by poor adhesion or installation.

Erosion. Areas where the roof surface is worn away by heavy traffic, wind or water.

Flashings and Penetrations. Whenever the roof system is interrupted by penetrations such as at drains, stacks, HVAC units, roof edges, and so on, the potential for water infiltration is high. These areas need to be inspected for initial signs of water infiltration problems and stopped before a leak begins.



slippage
split flashing

alligatoring

plant life

empty pitch pan

cracks and splits

wind erosion & exposed felts

cracked coping & mortar joints

curled, wrinkles, ridges & blisters

ponding

clogged drains

Solutions

Republic Restoration Systems by Tremco offers multiple options for your built-up or modified bitumen roof system to help you select the right system for your budget and roofing needs. For a reflective roof surface, we offer five systems, from our white urethanes and tintable acrylics to our economical aluminum asphaltic coating. In addition, we offer two black asphaltic products used mostly for patching or as a floodcoat to extend the life of your BUR and modified bitumen roof system. Whichever product you choose for your building's roofing needs, Tremco, an ISO 9001:2008 certified company, provides the strictest quality controls to ensure product consistency and performance.

STRESS-FREE APPLICATION

Throughout the United States and Canada, Tremco works with a select group of contractors who are highly trained and experienced in installing all products. Your Tremco representative can provide you with names of contractors in your area, taking the guesswork out of selecting a quality contractor.

LONG-TERM PERFORMANCE

Republic Restoration Systems by Tremco offers a variety of warranties to ensure the performance of your roof system. For all material and labor warranted coating projects, job site inspections are provided to ensure that your system will provide you with years of quality service life.



ALPHAGUARD® & GEOGARD® Polyurethane Roof Coating Systems

Premium systems for built-up and modified bitumen roofs. These two-coat, single component urethane systems offer a waterproofing layer and a reflective layer that cures to a white, self-leveling finish.

- Withstands harsh roof top pollutants
- Resistant to ponding water
- Provides 85% reflectivity to increase energy savings

ALUMANATION® 301 Aluminum Roof Coating System

An economical way to add reflectivity to a built-up or modified bitumen roof system is with a layer of Alumanation 301 aluminum roof coating system.

- Economical, reflective roof coating to reduce energy costs
- 15% metallic content for high reflectivity

SOLARGARD® & ROCK-IT® Roof Systems

Two white roof restoration options provide reflectivity and waterproofing in spray or roller applications. ENERGY STAR rated and VOC compliant.

Solargard 6083

- Formulated to meet and/or exceed ASTM D-6083
- Excellent resistance to weathering
- High elongation
- Low temperature flexibility
- Available in white, 16 standard and custom colors

Rock-It Adhesive

- Cold process gravel-surfacing system
- Aggregate surface protects from fire, hail and rooftop traffic
- Energy savings benefits as a "cool roof" system

ECOLASTIC® & TREMLASTIC SP® Asphaltic Roof Coating Systems

These black asphaltic roof coatings are the most economical waterproofing coatings available. The systems resurface aging roofing plies and provide a monolithic roof system that eliminates water infiltration. Options include TremLastic SP, a water-based, neoprene rubber reinforced formula, or ECOLastic, an emulsified blend of oils and additives compatible with tar. Depending on the product chosen, there are also surfacing options of granules, gravel, Alumanation 301, Solargard or ICE Coating for a reflective, energy saving roof.

- Easy to install
- Cold-applied system eliminates need for hot asphalt kettles

We provide products and services for roof and wall restoration under the brand names of ALPHAGUARD®, ALUMANATION® 301, ECOLASTIC®, GEOGARD®, ICE, ROCK-IT®, SOLARGARD®, and TREMLASTIC®. Our products offer long-term performance and energy savings to ensure that customers have the right solution to meet their specific restoration needs. Tremco has been a leader in the roof coating and restoration industry since 1928.

Republic Restoration Systems by Tremco offers solutions for:

- Built-Up Roofs/Modified Bitumen Roofs
- Weathered Single Ply Roofs
- Metal Roofs
- Foam Roofs
- Concrete Roofs
- Walls

For a complete list of specifications, product data sheets and information regarding Republic Restoration Systems by Tremco, visit us online or give us a call.

**REPUBLIC RESTORATION SYSTEMS BY TREMCO
SUPPORT SUSTAINABILITY**

Restoring roofs has been at the forefront of our philosophy for over 80 years. This positions our reflective roof surfaces to help today's customers meet their sustainability goals by extending the life cycles of buildings worldwide while helping lower energy costs.

Republic Restoration Systems by Tremco helps meet sustainability goals because:

- They prolong the service life of structures for years
- Coatings are cost-effective over a second roofing layer, complying with building codes and postponing replacement for years
- There's no tear off, which eliminates landfill issues and fees and does not disrupt building occupants
- Reflectivity reduces energy consumption, the strain on HVAC systems, and a building's carbon footprint
- The Urban Heat Island Index is lowered, benefiting everyone



REPUBLIC
RESTORATION SYSTEMS

TREMCO

Tremco Incorporated

3735 Green Road, Beachwood, OH 44122

U.S.: 800-551-7081

50 Beth Neelson Drive, Toronto, Ontario M4H 1M6

CA: 800-668-9879

www.rpmrepublic.com

