

built-up and modified bitumen



**RESTORATION
COATING SYSTEMS**

*for Built-Up and
Modified Bitumen Roofs*

**RESTORATION
SOLUTIONS**

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


REPUBLIC
POWDERED METALS, INC.

BUR/modified bitumen

Republic 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



ROOF PROBLEMS

FREE ROOF INSPECTIONS

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 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.

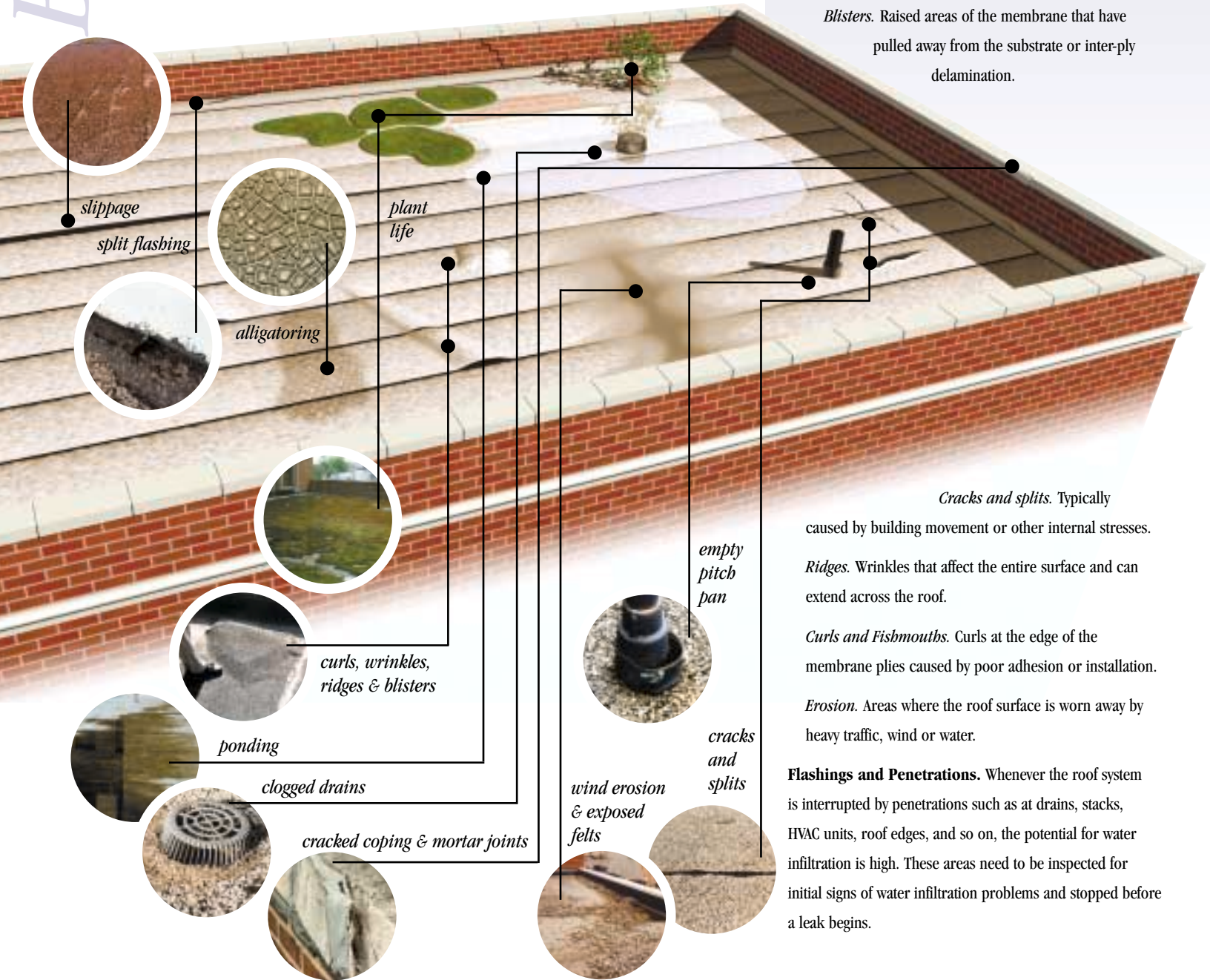
Cracks and splits. Typically caused by building movement or other internal stresses.

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

alligating

plant life

curls, wrinkles, ridges & blisters

ponding

clogged drains

cracked coping & mortar joints

empty pitch pan

wind erosion & exposed felts

cracks and splits

Solutions

Republic offers several 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, Republic offers three systems from our white urethane and tintable acrylics to our economical aluminum asphaltic coating.

In addition, Republic offers 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,

Republic, an ISO 9001 certified company, provides the strictest quality controls

to ensure product consistency and performance.

STRESS-FREE APPLICATION

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

LONG-TERM PERFORMANCE


Republic offers a variety of warranties to ensure the performance of your built-up or modified bitumen roof coating system. For material and labor warranted roof coating projects, Republic inspectors will provide job site inspections to ensure that your roof coating system will provide you with years of quality service life.



GEORGARD

Urethane Roof Coating System


Republic's premium roof coating system for built-up and modified bitumen roof systems. This two-coat, single component urethane system offers a waterproofing layer and a reflective layer that cures to a white self-leveling finish.

- Withstands harsh roof top pollutants
- Resistant to ponding water
- Maintains existing fire ratings of previous roof system
- Provides 85% reflectivity to increase energy savings 
- Material and labor warranties available

SOLARGARD ULTRA

Acrylic Roof Coating System

A low-odor, high-solids white acrylic roof coating offers a reflective, waterproofing system in a one-coat spray or roll application.

- Quick dry system
- Energy Star rated product 
- VOC-compliant product
- Also available in a variety of pastel colors
- Material and labor warranties available

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
- Material warranties available

PERMAROOF & PERMAFLEX Asphaltic Roof Coating Systems

These black asphaltic roof coatings are the most economical waterproofing coatings available. The system resurfaces aging roofing plies and provides a monolithic roof system that eliminates water infiltration. Whether you use Permaroof, Republic's fibrated roof coating, or Permafex, a water-based, neoprene rubber reinforced formula, both can be coated with Alumanation 301 or Solargard Ultra for a reflective, energy saving roof.

- Easy to install by in-house crews
- Cold-applied system eliminates need for hot asphalt kettles
- Material warranty available

Republic Powdered Metals, an ISO 9001 company, provides exclusive products and services for roof and wall restoration. Republic products provide long-term performance and energy savings to ensure that customers have the right solution to meet their specific restoration needs. Republic Powdered Metals, the founding company of RPM, Inc., has been a leader in the roof coatings and restoration industry since 1947.

Republic Offers Restoration Solutions For:

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

Republic also markets an exclusive line of Single Ply membranes:

- Geoflex PIB
- Cooley C3

For a complete list of specifications, product data sheets and information regarding Republic, visit www.rpmrepublic.com.



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