



[World-Class Protection™]

Eco-Friendly Roofing Solutions Insulations & Coatings





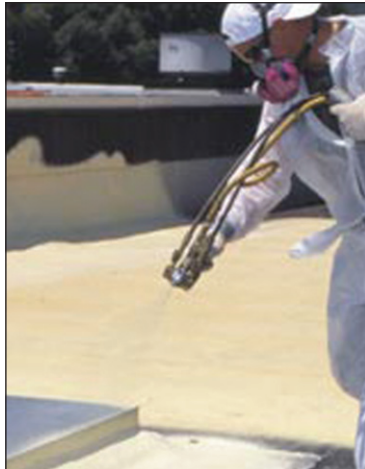
SPRAYED POLYURETHANE FOAM

DuraTite® 2.5, DuraTite 2.8 and DuraTite 3.0

These high density foams are HFC-blown, Zero Ozone-Depleting (Zero-ODP), closed-cell spray polyurethane foam systems. Each improves energy efficiency and offers both a low life cycle cost and environmental impact with almost no maintenance. DuraTite roof systems carry a UL Class II rating.

Why DuraTite Roof Foams!

- UL Class II rated foam
- Good yield
- Doesn't shrink or pull
- Consistent cell structure
- Maintains physical properties over time
- Adheres well to itself



Save Money!

- Outstanding insulation characteristics, reduces air infiltration
- Seamless construction, fully-adheres and won't leak
- Self-flashing so it lowers costs and the potential for leaks
- Reduces wind uplift risk and may reduce insurance costs in some areas
- Increases roof life – can be recoated numerous times
- Minimal disruption to operations for installation

Other Foam Applications

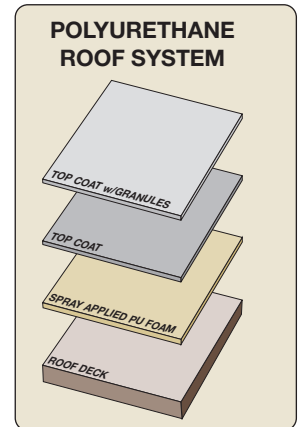
- Pipe Insulation (exterior)
- Tank Insulation
- Molding

Benefits of DuraTite System

- Fire resistance
- UV protection
- Corrosion protection
- Moisture protection
- Energy efficiency

Advantages of Foam vs. Traditional Roofing Methods:

- High R-value
- Strong solar reflective index
- Lightweight
- Seamless and flexible
- Reduces high wind damage
- Reduces ponding water
- Improves drainage and controls run off
- Increases roof life
- Easy to apply and maintain
- Covers complex geometrical shapes and protrusions
- Covers materials such as glass, concrete, metal, old mortar, brick and Built Up Roof (BUR) composites
- Applies directly to existing substrate in new and retrofit applications



DURATITE ROOFING FOAMS

Chemical Properties

| | Isocyanate | Resin |
|--------------------------|-------------------|--------------|
| Specific Gravity at 70°F | 1.23 | 1.18 |
| Viscosity at 70°F | 500 | 700 – 800 |
| Mix Ratio | 1:1 | 1:1 |

Physical Properties Cured

| | | |
|---|-----------------|-------------|
| Density (pcf) | 2.5 – 3.0 ± 0.2 | ASTM D-1622 |
| Compressive Strength (psi) | 40 – 65 | ASTM D-1621 |
| Tensile Strength (psi) | 60 – 80 | ASTM D-1623 |
| Closed Cell Content (%) | >90 | ASTM D-6226 |
| Initial k-factor (Btu in/ft ² hr °F) | 0.146 | ASTM C-518 |
| R-value (per inch) | 6.3 | ASTM C-518 |
| Permeance (perm/inch) | 65 | ASTM E-96 |



RHINO ECO-COAT® ROOFING

Rhino Eco-Coat (Aluminized Hybrid Polyurea)

Rhino Eco-Coat is a fire retardant plural component aluminized hybrid polyurea spray applied lining for commercial and industrial roofs. It contains UV stabilizers and leafing aluminum pigment to enhance UV stability. It can be sprayed using high or low pressure plural component spray equipment.

Features and Benefits of Rhino Eco-Coat:

- Carries UL 790 Class A rating
- High tensile and abrasion resistance
- Walk-on in minutes
- Protects against hail and pest infestation
- Superior impact and crack resistance



DURATITE® ROOFING SYSTEM

DuraTite® Primer, DuraTite Acrylic Top Coat and DuraTite Silicone Top Coat

DuraTite spray foams and elastomeric roof coatings combine to create the DuraTite roofing system. These products work together to help cost-effectively maintain your roof. This system helps extend the service life of an existing roof while also offering a significant energy savings in warmer climates.

DuraTite Primer

DuraTite Primer is an excellent primer that ensures maximum adhesion between the roofing substrate and DuraTite Silicone Top Coat. DuraTite Primer is required when applying DuraTite Silicone to single ply, built-up and EPDM rubber roofs. It adheres well to most metals, organic polymers, wood, masonry and vitreous surfaces.

DuraTite Primer/Sealer

DuraTite Primer/Sealer is used for maximum adhesion when transitioning from traditional roof coatings to DuraTite Acrylic Top Coat or re-coating existing spray polyurethane foam roofing.

DuraTite Acrylic Top Coat

DuraTite Acrylic Top Coat is a high solids, single component elastomeric acrylic coating. It is also available in fire retardant formulation. For application ease, gray is recommended for the base coat and white for the second coat.

DuraTite Silicone Top Coat

DuraTite Silicone Top Coat is a single component, solvent borne elastomeric coating designed to weatherproof polyurethane foam roofing systems. It is also available in low VOC formulation. For application ease, gray is recommended for the base coat and white for the second coat.



DURATITE SPF ROOFING WARRANTIES

Rhino Linings offers a comprehensive warranty program covering its roofing materials and systems exclusively through its approved contractors when these materials are applied in accordance with Rhino technical requirements. These warranty options include material limited warranties, system limited warranties, no dollar limit system limited warranties and restoration coating limited warranties.

In order to obtain any warranty for roofs that incorporate roofing materials supplied by Rhino and installed by an approved contractor, a number of prerequisites must be met to assure proper application and maintenance. Without such control and involvement, proper waterproofing performance cannot be assured.



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