



IMPAC®

IMPAC® MAX SEAL

Acrylic Polyurethane Roof Coating

Description:

IMPAC® MAX SEAL is a polyurethane modified acrylic roof coating with a highly reflective bright white finish. It is designed as a one coat waterproofing system for spray in-place polyurethane foam roofing insulation and recoating aged coatings.

Limitations: Must not be applied at temperatures below 40°F or during inclement weather. Surface temperature must be at least 5°F above dew point and relative humidity less than 80 percent to ensure dry surfaces. Mix thoroughly before use. Ambient temperature should not exceed 100°F and surface temperature should not exceed 120°F. The polyurethane foam must be free of ponding water. By definition a roof surface which has more than 36 sq. ft. of water in any area 14" deep or more, 48 hours after a rain, shall be considered unacceptable. All water shall drain off of the roof. Small "bird baths" cannot account for more than 5 percent of the entire roof surface. Sizes: Available in 5-gallon containers.

Coverage Rate: **IMPAC® MAX SEAL** should be applied at 2.5-5 gallons per 100 square feet.

Application:

Mixing/thinning: Do not mix or thin **IMPAC® MAX SEAL**.

Surface Preparation: The substrate must be structurally sound, solid, clean and dry. On certain decks and surfaces, proper installation of drains, vapor retarders, roofing vents, expansion joints, flashings, and positive slope to drain will be required.

The application surface must be finished, smooth and free of grease, wax, dirt, contaminants, moisture and other matter that would interfere with adhesion. It must also be free of chips loose roofing or other foreign matter. Do not apply to SPF foam surfaces with texture of "verge popcorn" "popcorn" or "tree bark".

Application: The recommended application rate is 2-2.5 gallons per 100 sq. ft. of **IMPAC MAX SEAL** as top coat. This rate includes 15 percent for application loss and 10 percent for surface texture. Under very irregular roofing substrate conditions, more product may be required. Must be applied in a continuous, unbroken film of dry thickness no less than 13.5 mils per coat over entire roof.

Apply **IMPAC MAX SEAL** as roof coating at total coverage of 2.5 -5.0 gallons per 100 sq. ft.

Apply **IMPAC MAX SEAL** over the surface by brush, roller or airless spray in layers of 1.25 gal/100 sq. feet each, depending on the life time expected.

Clean Up:

While coating is still wet, clean yourself, tools and the area with water.

Disposal:

Dispose of product in accordance with local state and federal regulations governing hazardous waste.

Safety:

Warning: HARMFUL IF SWALLOWED. May cause eye, skin and respiratory system irritation. Keep out of the reach of children. If spraying use a NIOSH-approved dust/mist mask.

First Aid: Eyes – immediately flush with plenty of water for at least 15 minutes. If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens until flushing is complete. Skin – wash with soap and water, followed by a thorough rinse. Ingestion, if swallowed, DO NOT INDUCE VOMITING, dilute with three to four glasses of water. Immediately call a Poison Control Center or physician for further instructions. Inhalation – immediately move to fresh air.

STORAGE

Store in a cool and dry place, the container must be tightly closed. Do not stow more than three buckets.

Update: February/01/2009. These technical specifications replace any previous one up to this date. Visit our webpage www.impact.com.mx where you can find the current version. Subjected to changes without notice.

Light Grey

White

Terracote



Technical Data

Density (25 °C):	1.32 +/- 0.03 Kg/L	ASTM D-1475
Viscosity (25 °C):	10,000 cps minimum	ASTM D-2196
pH (25 °):	8.5 – 9.5	ASTM E-70
Solids by weight:	63 +/- 2%	ASTM D-1644
Elongation at break (25°C):	300 % minimum	ASTM D-2370
Tensile strength (25 °C):	200 psi minimum	ASTM D-2370
UV stability	Excellent	ASTM G-53
Surface dry	1 hour	20 °C and 50 % R.H.
Recoat	12 -24 hours	20 °C and 50 % R.H.
Total cure	10 – 14 days	20 °C and 50 % R.H.

Dry time for **IMPAC® MAX SEAL will vary depending on temperature, humidity, thickness at which the product is applied and wind. Lower wind speed, higher humidity or higher wet film thickness will increase the dry time in excess of the reported average.