



IMPAC®

IMPAC® SUPER MAX SEAL 100% Polyurethane Waterproof Roof Coating

Description:

IMPAC® SUPER MAX SEAL is a water-based, pigmented, wear resistant, semi-rigid, color- and UV-stable, weather- stable, one component, aliphatic, 100% Polyurethane Waterproof Roof Coating used as a top-coat for protection over waterproofing membranes, subject to wear and weathering conditions.

IMPAC® SUPER MAX SEAL consists of flexible, water- based polyurethane resins (dispersion), without the addition of inferior acryl resins and other admixtures.

When the IMPAC® SUPER MAX SEAL is applied, it forms a hydrophobic, 100% waterproofing, seamless, polyurethane coating, that protects the waterproofing basecoat efficient and on a long term basis.

Advantages:

- Simple application (brush, roller or airless spray).
- Water Based
- Resistant to abrasion and wear conditions.
- Color stable.
- Gives an easy-to-clean surface.
- Does not show the chalking effect of aromatic polyurethane waterproofing coatings.
- Resistant to water.
- Low VOC content, <150 gr/l
- Resistant to frost.

Uses:

Use IMPAC SUPER MAX SEAL:

- Waterproofing of Rooftops
- Waterproofing of Balconies/Terraces
- Waterproofing of pedestrian areas (Decks)
- Protection of Polyurethane Foam Insulation
- Waterproofing of most surfaces exposed to wear and weathering conditions.

Consumption:

2.5 – 5 gallons per 100 sq. feet (1.25 gal/100 sq. feet per layer).

This coverage is based on application by roller onto a smooth surface in optimum conditions. Factors like surface porosity, temperature and application method can alter consumption.

Colors:

The IMPAC SUPER MAX SEAL is supplied in white, light grey and terracote.

Application:

Surface Preparation

Careful surface preparation is essential for optimum finish and durability.

The surface needs to be clean, dry and sound, free of any contamination, which may harmfully affect the adhesion of the membrane. Maximum moisture content should not exceed 8%. New concrete structures need to dry for at least 28 days. Old, loose coatings, dirt, fats, oils, organic substances and dust need to be removed by a grinding machine. Possible surface irregularities need to be smoothened. Any loose surface pieces and grinding dust need to be thoroughly removed.

Top-Coat

Stir well before using. Apply IMPAC SUPER 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

Allow 12-24 hours to cure between two layers.

Light Grey

White

Terracote



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.



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Warning:

WARNING: If on the surface where the system is applied, there are areas with ponding water, they should be cleaned on regular basis to avoid biological and microbial attack.

ATTENTION: Do not apply the **IMPAC® SUPER MAX SEAL** in negative (degC) temperatures or when rain or frost is imminent in the next 48 hours. For best results, the temperature during application and cure should be between 41°F – 95°F (5 °C and 35 °C). Low temperatures retard cure while high temperature speed up curing. High humidity (fog or dew conditions) retard cure and affect the curing times.

WARNING: **IMPAC® SUPER MAX SEAL** is slippery when wet. In order to avoid slipperiness during wet days, sprinkle suitable aggregates onto the still wet coating to create an anti-slip surface. Please contact our R+D Department for more details.

Packaging

IMPAC® SUPER MAX SEAL pails should be stored in dry and cool rooms for up to 12 months. Protect the material against moisture and direct sunlight. Storage temperature: 41°F – 86°F (5°C – 30°C). Products should remain in their original, unopened containers, bearing the manufacturers name, product designation, batch number and application precaution labels. **PROTECT FROM FROST.**

Safety measures

Keep away from children. Do not use empty containers for food storage. See information supplied by the manufacturer. Please study the Safety Data sheet. **PROFESSIONAL USE ONLY.**

Technical data

PROPERTY	RESULTS	TEST METHOD
Density (25 °C):	1.26 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:	58 +/- 2%	ASTM D-1644
Elongation at break (25°C):	200 % minimum	ASTM D-2370
Tensile strenght (25 °C):	300 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.