

DENSO WEATHERSEAL TOPCOAT ACRYLIC

High Gloss Acrylic Based Topcoat

Description

Denso Weatherseal Topcoat Acrylic is a two-part acrylic based topcoat with excellent gloss retention. The coating is designed as a topcoat to provide long-term protection and aesthetic enhancement of structures.

Uses

Used as final topcoat for the Denso Steelcoat 700 corrosion protection system for long term UV stability and to provide a glossy durable finish with aesthetic appeal.

Features

- Excellent long term gloss retention
- Can be applied by brush, roller or airless spray
- Excellent resistance to a variety of acids, solvents and bases
- Suitable for use in aggressive atmospheric conditions
- High impact and abrasion resistance
- Does not contain isocyanates
- 1:1 mix ratio for ease of use

Application

Surface should be clean and dry and above 5°C, and 3°C above the dew point of the air. Preheat the surface, if required. Wipe the entire surface with MEK or approved solvent to remove the dust and other contamination.

Component A (Base) to be mixed separately until homogeneous. A wooden stick or flat spatula may be used for mixing.

Brush or Roller: Add Component B (hardener) to Component A and mix at a slow speed until a constant colour is achieved, making sure all sides of container are scraped. When applying, use a wet film thickness gauge to measure the required micron thickness.

Spray: The equipment should be an airless spray unit. Use a wet film thickness gauge to measure the micron thickness applied during each coat.

For best inter-coat adhesion, re-coating should occur prior to curing of the preceding coat. If cure time is exceeded, lightly abrade the coating surface before applying another coat.



Denso Weatherseal Topcoat Acrylic

TECHNICAL DATA

PROPERTIES	VALUE
Pot Life @ 23°C	4 hours
Dry Time @ (23°C), <85% R.H.	
To Touch	2.5 hours
To Handle	10 hours
To Recoat	10 hours
Gloss level (ISO 2813)	Gloss 70-85
Solids by Volume (ISO 3233)	56% - 60%
Recommended Dry Film Thickness	60 - 150 micron
Recommended Wet film Thickness	100 - 200 micron
Theoretical Coverage	9.7 - 3.8 m ² /L
Mixing Weight Ratio	1:1
Atmospheric Temperature Limit	120°C (continuous service), 140°C (peak temperature)
Flash Point	28°C
VOC (ISO 11890-1)	347 g/L
Density	1.3 kg/L
Colour	White, Grey

STORAGE AND HANDLING:

Store the containers in a dry, well ventilated area.
The containers should be kept tightly sealed.
Shelf life: ≥4 years at 23°C

PACKAGING: 10 L kit.

HEALTH AND SAFETY:

Wear suitable protective clothing and glasses.
See safety data sheet for further information.



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