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Technical Data Sheet

CEMSEAL PU-Top 688

TWO COMPONENT, ALIPHATIC POLYURETHANE PERFORMANCE COATING

DESCRIPTION

CEMSEAL PU-Top 688 is a two-component acrylic polyol urethane coating, utilizing an Aliphatic Isocyanate as its curing agent. It is recommended for use as a high performance coating where maximum protection against aggressive weather is required. Premium grade weather resistant pigments are also incorporated into the coating to provide both high decorative and weather resistant values.

FEATURES AND BENEFITS

- High Build to form a very glossy (High Gloss), levelled, chemical and abrasion resistant finish.
- Highly resistant to UV Rays.
- Resistant to fumes, spillage of mild acids, alkalis, salt water and solvents.
- High impact and stain resistant.
- No long term overcoating restrictions.

RECOMMENDED USE

- On fully exposed new construction or refurbished flat roofs
- Top coat over aromatic polyurethane base coats

PRODUCT PROPERTIES

Pack Size	5kg / 25kg set
Appearance	Standard colour range. Grey & Green. Glossy finished. Special colour upon MOQ request.
Specific Gravity	1.16 ± 0.04 depending on colour
Volume Solid	52 ± 3 % depending on colour
Film Thickness	WFT: 52-216 µm DFT: 30-125 µm
Theoretical Coverage	Approximately 9m^2 per kg mixed at 50 µm DFT
Mixing Ratio	4:1 by weight

SUBSTRATE REQUIREMENT AND PREPARATION

If the overcoating time of the existing base coat has been exceeded, the surface may be roughened using light abrasive manual tools or mechanical equipment. All contamination such as dust, loose and friable material that could affect final finish or reduce adhesion, must be completely removed from all surfaces before application of the product, preferably by vacuum extraction equipment.

APPLICATION

Apply mixed product in 1 coat by roller, brush or spray equipment to achieve a consistent thickness and required surface finish.

Method	Airless Spray	Conventional Spray	Brush	Roller
Output Fluid Pressure	2000-2500 psi	Yes-thinning required	Yes	Yes
Tip Size	13-18 thou			
Fan Angle	30°-65°C			

Application Temperature	5°C to 40°C
Dew Point	The substrate and uncured floor must be at least +5 °C above dew point to reduce the risk of condensation or blooming on the floor finish.
Relative Humidity	≤ 75%
Overcoating Time: (30˚C)	Min. 6 hours Max. Indefinite

Mixing

Mix each component separately prior to thoroughly mixing together 2 to 3 minutes at medium speed. Always use a mechanical agitator. Ensure product is sued only in the proportions recommended.

STORAGE AND SHELF LIFE

Storage

CEMSEAL PU Top 688 should be stored in original manufacturer's packaging and position, at room temperature between 5°C and 25°C in a shaded, cool, dry and away from direct sun exposure. It shall also be stored at least 2 metres away from direct heat source.

Shelf Life

Expected 12 months shelf life with the above-mentioned storage conditions.

HEALTH AND SAFETY

User must refer to Safety Data Sheet before usage of this product.

BASIS OF TECHNICAL DATA

All technical data provided in this Technical Data Sheet are based on laboratory tests. Actual performance may vary due to factors beyond our control.

Disclaimer:
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For More Information:

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