

Type 3 Polyurethane Topcoat

PRODUCT DESCRIPTION AND USES:

A two-pack urethane coating with excellent gloss retention and resistance to weathering. The product is a non-yellowing acrylic urethane based system suitable for providing a very durable coating on steel, non-ferrous metals, concrete, wood, plastics and other substrates. The coating has very good resistance to abrasion, chemicals and solvents, and ultraviolet degradation. It dries rapidly and can be re-coated with suitable surface preparation. Urethane Type 3 Topcoat is recommended for all Marine and architectural applications, and most interior or exterior industrial situations. Typical uses are Marine Craft, wall areas in dairies, hospitals and food processing plants, road and rail transport vehicles.

PHYSICAL PROPERTIES:

Colour:	Wide range available Inc AS 2700
Gloss Level:	Gloss, Semi-Gloss & Satin
Volume Solids:	51 %
Product Density:	1.23 Kg / litre White (other colours may vary)
Mixing Ratio:	4 parts by volume part A X-53 to 1 part by volume Z-53 hardener Mix well and allow to stand 10 to 20 mins before use
Pot Life:	4 to 6 hours. 4 Litres @ 25 °C
Drying Time:	Touch dry 30 Minutes. Handle 9 Hours. Full Cure 7 days @ 25 °C

SURFACE PREPARATION:

Surfaces should be free from grease, salt and should be dry. Apply over suitably primed surfaces, which are clean, dry and free from oil, grease and any other contaminants.

The performance and service life of a protective coating system is dependent upon a number of criteria. These criteria include factors such as choice of coating system, ambient conditions under which the system is to be applied and the standard of surface preparation to be undertaken prior to application of the paint. Of these considerations, the most important factor is in establishing and maintaining a high standard of surface preparation. Failure to ensure high standards of surface preparation will inevitably have a detrimental effect on the eventual life and performance of the coating system applied.

For specific standards and recommendations contact Seahorse Marine Paints.

APPLICATION DATA:

Application Conditions Air Temperature Min 5°C Max 45°C
 Substrate Surface Temperature Min 5°C Max 45°C
 Relative Humidity Max 85%

Stir each can thoroughly until the contents are uniform

Airless Spray: Standard airless spray equipment such as a Graco 30:1 President with a fluid tip of 15 thou (0.38mm) and an air supply capable of delivering 550-690 kpa (80-100 p.s.i.) at the pump

Conventional Spray: Adjust to a viscosity of 18-20 seconds (Ford #4 Cup) Thin up to 300 ml/litre with Urethane Thinner T-26. Apply in multiple wet coats overlapping each pass 50%

Typical Set Up
Devilbiss GTI: 1.4mm fluid tip. 122 air cap
Pressure at Pot: 70-100 kpa (10-15 p.s.i.)
Pressure at Gun 380-410 kpa (55-60 p.s.i.)
HVLP 1.4 Fluid Tip Set

Brush/Roller Suitable for small areas only.

Coating Thickness
Wet Film Thickness per Coat Min 45 Max 90 Recommended 75 (microns)
Dry Film Thickness per Coat Min 30 Max 50 Recommended 40 (microns)

Recommended total
dry Film Thickness: 80 (microns)

Theoretical Spreading Rate: 5 to 6 sq.m/litre

Equipment Cleaning: Clean all equipment immediately after with T-26 Thinner.

STORAGE AND PACKING:

Storage: The Product must be stored in accordance with national regulations. Preferred storage conditions are to keep the containers in a dry space provided with adequate ventilation. The containers should be sealed tightly.

Packing content: 1 Litre, 4 Litre 20 Litre. Pack size includes part A and B.

HEALTH AND SAFETY:

Please observe the precautionary notices displayed on the containers. Spray under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed with suitable cleaner, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

For detailed information on the health and safety hazards and precautions for use of this product, please refer to the Material Safety Data Sheet.

DISCLAIMER: *The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data with out notice.*

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THIS DATA SHEET SUPERSEDES THOSE PREVIOUSLY ISSUED.



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