

01.58

Hi Build Epoxy Primer Undercoat

PRODUCT DESCRIPTION AND USES

Hi Build Epoxy Primer Undercoat is a thixotropic epoxy coating modified with a polyurethane pre-polymer hardening system. This coating is extremely resistant to acids, alkalis and solvents and has exceptional adhesion and weathering qualities. This product can be used for high film build and exhibits very easy sanding qualities. Avoid excessively thick coats as blistering may occur.

PHYSICAL PROPERTIES

Colour/Texture	White, Grey/flat
Volume Solids	55%
Product Density	1.36kg/litre
Mixing Ratio	Volume Mix 3 parts Base to 1 part Hardener
Potlife	8 hours
Drying Time (25°C)	Touch Dry: 40 minutes Hard Dry: 8-10 hours
Recoat Time (25°C)	Minimum: 4 hours
Flash point	4°C

SURFACE PREPARATION

Steel should be dry and free from oil and grease before application of 1.58 Epoxy Primer Undercoat.

APPLICATION DATA

Product designed for application by airless spray. Brush or Roller application can only be used for touch up.

Airless spray	Line Pressure: 140-180 Bar Tip Size -0.533mm Fan Angle - 65-80°
Recommended D.F.T	65 microns
Recommended W.F.T	120 microns
Theoretical Spreading Rate	8.5m ² /litre
Thinners/Cleaners	Brushing: 09.03 Transmarine Brushing Thinners Spraying: 09.04 Transmarine Spraying Thinners

HEALTH AND SAFETY

Irritant	Avoid contact with skin and eyes. Avoid breathing vapour or sanding dust. When using this product it is recommended that full overalls, gloves, face mask and goggles be worn. Store container in a safe place when not in use. Do not burn container.
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EYES	Flush with water for at least 15 minutes and seek medical advice.
SKIN	Wash contact areas with soap and water. Remove all contaminated clothing, and seek medical advice. Do not scrub.
INHALATION	Remove patient from further exposure, and keep patient warm and comfortable.
INGESTION	Do not induce vomiting. Rinse mouth with water. Seek medical advice as soon as possible.

TRANSPORTATION AND DISPOSAL

Class	3
Hazchem Code	•3YE (3); •3Y
UN No	1263
Packing Group No	II
Fire Extinguishing Media	CO ² , Foam, Dry Chemical
Fire Fighting Procedure	Fire fighters should wear self contained breathing apparatus. Fight fire from a protected location as product may explode on heating. The vapours are heavier than air, so may travel along the ground to accumulate in low areas. Fire may flash back along vapour trail, and can also react with oxidising agents. Spills should be cleaned up immediately by using sand or other non-flammable absorbent materials. Ensure material does not enter waterways. Dispose of empty containers in accordance with local by laws.

OTHER INFORMATION

This product may be used for a wide variety of surfaces. If the surface you propose to paint is not referred to, contact Protective Paints Technical Department for classification.

For further technical information please phone 0800 724 684.

RELIABILITY OF INFORMATION

All statements and technical information contained herein are based on tests we believe to be reliable but the accuracy thereof is not guaranteed. Since Protective Paints Ltd has no control over product application, purchasers and users must confirm the suitability of our products under their conditions to meet their own requirements.

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