



VERSAPOX HS 100 SPRAY GRADE

Issue No.01 Sep 2016

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PRODUCT DESCRIPTION

A high build solvent-free epoxy anticorrosive coating designed for the efficient long term protection of pipelines, storage tanks, land and marine structures.

INTENDED USES

Highly resistant to marine and industrial environments, buried conditions, ground water, effluents, salt water and a wide range of oils and chemicals. Extremely abrasion resistant, high mechanical strength, excellent chemical resistance.

TECHNICAL INFORMATION

Colour	Grey
Finish	Semi-gloss
Curing Agent	Versapox HS 100 Spray Applied Activator
Mix Ratio	2 parts Base : 1 part Activator by volume
Specific Gravity	Mixed: 1.65
Volume Solids	100%
Recommended Film Thickness	0.5 - 2.0 mm depending on service conditions.
Theoretical Spreading Rate	2 m ² / litre @ 500µm
Application Method	By twin component hot airless spray
Re-coat	After 4 hours and within 24 hours of initial application.
Drying Times at 20°C	Touch Dry 2 hours Hard Dry 6 hours
Full Cure at 20°C	7 days to Shore D80-90

SURFACE PREPARATION

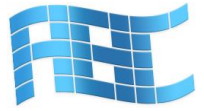
Steel:

Ensure surfaces are free from contamination. Abrasive blast with grit to minimum BS 7079 standard SA 2 ½ - surface profile depth 75-100 microns.

Mechanical tools may also be used providing a surface profile of minimum 75 microns can be achieved. Do not polish/burnish the steel surface.

Concrete:

Remove all laitance and other contaminants by blast cleaning. Ensure the concrete is dry to a reading of less than 10% moisture. Seal with Versacure Mortar LV Sealer.



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APPLICATION

The surface must be kept clean and dry, and VERSAPOX HS 100 or DURA-LINK TC applied within 4 hours and before any visible signs of deterioration of the cleaned surface.

Application by two component spray system set at 2:1 mixing ratio.

Base temperature approx. 45 - 55°C
Hardener temperature approx. 45 - 55°C
Spray Tip Size 600 - 1000 microns (0.024 - 0.030 ")

Pot Life 5 – 10 minutes at 40°C

Cleaning solvent. All equipment must be cleaned thoroughly immediately after use with **Pracsolv EP**

REGULATORY DATA

Spray Grade supplied in packs of

2 x 180 litre Base: 1 x 180 litre Hardener (540 L)
2 x 20 litre Base: 1 x 20 litre Hardener (60 L)

Repair Grade supplied in packs of

For hand application
1 x 0.5 litre Base: 1 x 0.25 litre Hardener (0.75L)
1 x 1.0 litre Base: 1 x 0.5 litre Hardener (1.5 L)

Flash Point 110°C

VOC 0 g/litre

Shelf life: 24 months from date of manufacture when stored in the original sealed containers at 20°C.

SAFETY PRECAUTIONS

Refer to the product Material Safety Data Sheet supplied by Advanced Barrier Coatings Ltd.
Ensure all waste materials and empty containers are disposed of in accordance with local regulations.

Disclaimer

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