



Polyurethane Odourless Waterproofing Coating - Embedment Coat

TECHNICAL DATA SHEET

Print Date: 01.05.2020

Updated: May 2015

intended uses

For application in conjunction with glass fibre reinforcement as the basecoat in waterproofing membrane systems. A high build, heavy duty coating, free from solvent odour that provides durable, long term protection for roofs. To be used as a fully reinforced weatherproofing system.

product description

Cold applied single pack, ultra high solids moisture activated elastomeric urethane coating free from solvent odour.

product information

Volume solids	87%
Typical thickness	0.9-1.1 mm dft including reinforcement
Theoretical coverage	0.8-1.0 m ² per litre
Practical coverage	Dependent on surface profile
Appearance/Colour range	Semi-Gloss/Red
VOC content	Cat A/i.EU li mit 500g/l, contains less than 175 g/l

application details

Mix ratio	N/A
Method of application	Brush or roller. Apply at the prescribed system coverage rate to properly prepared areas. Immediately lay glass fibre matting into applied coating, ensuring a minimum overlap of 50mm between sheets. Roll or tamp the surfaces to ensure full integration and saturation of the matting is achieved. Allow Embedment Coat to become firm before applying Top Coat(s).
Thinner	Do not thin
Cleaner	TH0 Cleaning Solvent
Pot Life	N/A
Drying time	(0.6mm wet film)

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Minimum	Maximum
20°C	8 hours	24 hours	24 hours	7 days

Note : Drying/curing times will be shortened by higher temperatures and lengthened by lower temperatures

storage and handling

Storage	Store the closed containers in a store room which is either in a safe place or is a fire resisting structure.
Pack Size	12.5 litres
Flash point	103°C
Product weight	1.45 kilos/litre (approx)
Shelf life	6 months from manufacturing date in unopened containers



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surface preparation

Inspect all surfaces to assess soundness of existing substrates or coatings. Where necessary prepare test areas.

Roof surfaces must be clean, dry and free from all loose debris and be carried out before application of the coating. All areas of fungal growth, moss etc should be treated with our solutions and neutralised residues removed.
Apply over reinforced Embedment Coat (where necessary).

Priming, where necessary should be carried out using suitable compatible materials.

Contact Cactus Industrial for further advice.
Do not apply if rain is imminent.

limitations

Overcoating must be carried out within the timescale overleaf otherwise further preparation may be necessary.

safety precautions

A copy of the appropriate Health & Safety Data Sheet should be consulted prior to using the product. This can be faxed if urgently required.

Minimum precautions for all paints:

1. Avoid skin and eye contact i.e. wear gloves, goggles, etc
2. Ensure good ventilation, mechanical if necessary.
3. Store and use away from heat and flame.
4. Do not eat or smoke in the vicinity of work.
5. Wash hands before eating.
6. Refer to supply container for additional warning labels.

definitions

Tolerances

All information quoted in this data sheet is subject to normal manufacturing tolerances.

Practical coverage

Practical coverage can vary considerably depending on method of application, surface roughness, weather conditions and complexity of the structure.

Pot Life

Applies only to two component products and refers to the time the mixture remains usable.

disclaimer

The information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty. The user will be deemed to have satisfied him/herself independently as to the suitability of our products for his/her own particular purpose. In no event shall Cactus Industrial be liable for consequential or incidental damages.

This document will normally be updated at least every two years. It is the user's responsibility to ensure that they have the current copy.

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