

TECHNICAL DATA SHEET

Print Date: 01.05.2020

Updated: April 2016

intended uses

An all-aliphatic stabilising sealer and primer for use on a wide range of substrates such as concrete, asphalt, bitumen, felt, asbestos, plaster, render, etc.

product description

Two component, moisture curing polyurethane resin solution.

product information

Volume solids	68%
Typical thickness	Nominal 70 microns dft
Theoretical coverage	Up to 12m ² /litre/coat. (low porosity substrates)
Practical coverage	Varies according to porosity, surface profile, etc – typically 10m ² /litre on porous and/or rough surfaces.
Appearance/Colour range	Full gloss/clear
VOC content	Max 350g/litre. EU limit 750g/l (2007). 750g/l (201 0)

application details

Mix ratio	10:1 (base/activator) by weight/volume
Method of application	Brush, roller. Two coats may be necessary on highly porous substrates.
Thinner	Do not thin
Cleaner	TH0 Cleaning Solvent
Pot Life	N/A

Drying time

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Minimum	Maximum
20°C	2 hours	3 hours	3 hours	48 hours

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

storage and handling

Storage	Store in a safe place out of the reach of children
Pack Size	5 litres
Flash point	Approx. 102 °C
Product weight	Approx. 1.1 kilo/litre
Shelf life	Up to 12 months in unopened containers at moderate temperatures



Polyurethane Odourless Waterproofing Coating - Binder Sealer

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surface preparation

All surfaces to be treated should be clean, sound, dry (preferably less than 5.5 on the Protimeter concrete moisture scale), sound and free from laitance, dirt, dust and other contaminants (note: deeply contaminated substrates may require special treatment).

Rake out loose and friable materials and make good with a suitable proprietary filler or repair compound.

Bare concrete surfaces should be suitably prepared (e.g. abrasive blast, disc grinding, scabbling, sanding, etc.) to give a clean, open textured surface.

All previously coated areas should be carefully inspected. Where necessary, any residual coatings should be completely removed to promote good substrate adhesion.

Any firmly adhering coatings must be inspected and application tests carried out to verify proposed system adhesion. If adhesion is unsatisfactory complete removal of coatings may be required unless an alternative spot primer can be used.

Treat any areas of moss or fungal attack with our recommended solution.

limitations

Overcoating must be carried out within the timescale overleaf otherwise it may be necessary to solvent wash or abrade the first coat in order to obtain system adhesion. Take out a working quantity from the tin and re-seal immediately to prevent moisture contamination in the can.

When airless spraying operatives must wear self contained breathing apparatus (contains isocyanates)

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 users' responsibility to ensure that they have the current copy.

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