



Polyurethane Odourless Waterproofing Coating - Multi Substrate Primer

TECHNICAL DATA SHEET

Print Date: 01.05.2020

Updated: November 2017

Intended uses

A high performance universal primer that provides excellent binding and adhesion to most substrates including plastics, wood, mineral substrates, ceramic tile, copper, zinc, brass, steel, galvanised steel, aluminium etc. Winter painting operations are possible due to tolerance of low temperature/high humidity conditions.

product description

Two-pack, solvent based anti-corrosive primer containing moisture curing polyurethane prepolymer and unique adhesion promoter.

product information

Volume solids	70%
Typical thickness	70 microns dft minimum
Theoretical coverage	10m ² /litre
Practical coverage	Reduce theoretical by up to 30%
Appearance/Colour range	Red Oxide
VOC Content	EU limit value for this product (cat A/i): 500 g/l. This product contains 300g/l VOC

application details

Mix ratio	1 unit of activator to 1 unit of base (blend and shake)
Method of application	Brush, roller or airless spray
Thinner	TH99
Cleaner	TH99
Pot Life	4-6 hours

Drying time

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Minimum	Maximum
20°C	2 hours	4 hours	4 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 42 °C
Product weight	Appro x 1.35 kilos/litre
Shelf life	Up to 6 months in unopened containers at moderate temperatures



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surface preparation

Ensure all areas are clean, dry and free from dust, dirt, corrosion and general surface contamination. All oils, grease, etc should be removed with a suitable degreasing solution. Steel should preferably be abrasive blast cleaned to BS7079 Standard SA2.5. Thorough mechanical preparation (eg. power wire brushing, needle gunning, grinding etc) can be utilised for mild environments.

Aluminium surfaces should be roughened. Unweathered galvanised surfaces should be treated with Mordant Solution (IM911).

A moderate degree of surface moisture can be tolerated.

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.

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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