

Acrylic Waterproofing Coating



DESCRIPTION

One component, water based, acrylic copolymer, air drying pigmented, impregnation coating

INTENDED USE

A flexible, water resistant coating suitable for waterproofing systems and roof sealing used in conjunction with membranes.

PRODUCT FEATURES

- Penetrates and seals the substrate to establish good waterproofing.
- Excellent adhesion to suitably prepared surfaces.
- Excellent surface for subsequent coats of emulsion paint.
- Suitable for use on concrete, cement plaster, fibre cement board.

LIMITATIONS

- Cannot be applied onto bare metal surfaces

PACKAGING

- 5lt and 20lt Units

STANDARD COLOUR AVAILABILITY

White



PRODUCT INFORMATION

- **Number of Components:** 1
- **Density:** 1.22 kg/litre
- **Mass Solids:** 58%
- **Volume Solids:** 49%
- **Film Thickness:** Wet 1.2 - 4.1mm
Dry 0.5 - 2mm
- **Spreading Rate:** 1.6m² /lt @ 1.5mm
3 coat system with 1mm membrane
- **Temperature Resistance:** Dry 80°C
- **Viscosity** 125 KU at 25°C

SURFACE PREPARATION

- Degrease surfaces with Speccoats Aqueous Degreaser followed by a high pressure water rinse
- All surfaces must be dry and clean

Steel

- Surfaces must be in sound condition. Loose flaking paint must be completely removed.
- Loose friable surfaces such as whitewash, lime wash and powder distemper must be thoroughly removed until the underlying plaster can be seen "grinning" through. (grey state).
- Where PVA paints have chalked on exterior exposure, remove as much as possible by brushing and washing before applying **Speccoats Alkali Resistant Primer**, thinned down 20% with **Speccoats Mineral Turps**.

Steel

- It is recommended to use **Speccoats Water Based Metal Primer** or other suitable metal primers. Contact Speccoats for more information

Galvanizing

- New galvanizing – degrease using **Speccoats Galvanized Iron Cleaner** & prime with **Speccoats Water Based Galvanized Primer or Water Based Epoxy Primer**
- Old Galvanizing – abrade or abrasive blast clean with ultra fine grit to remove corrosion product & prime with **Speccoats Water Based Galvanized Primer or Water Based Epoxy Primer**
- An excellent primer is **Speccoats Prime EA900**



Acrylic Waterproofing Coating

APPLICATION

Mixing – Two Components

- Stir the well with a flat-bottomed paddle or mechanical mixer until product is uniform.

Application – Equipment & Methods

Brushes	Preferred method as the coating must be worked in.
Rollers	Preferred method as the coating must be worked in.
Method	<ul style="list-style-type: none"> Apply first coat of minimum 1000 microns thick in required areas While first coat is wet, apply Membrane material and “stick down” by brushing more Acrylic Coating on top of membrane just so membrane is covered Allow an30 mins for the coating to dry and apply a 2nd coat of 1000 to microns thick and allow to dry for 30 mins Apply 3rd coat to achieve the required dry film thickness of around 1.5-2mm thick

Thinning

- Thin minimum qty with **Water**

Cleaner

- Cleaning of dry paint is done with **Speccoats SA 65 Thinners**

APPLICATION ENVIROMENT

Level	Surface Temperature	Ambient Temperature	Relative Humidity
Minimum	5°C*	5°C	No lower limit
Maximum	40°C	40°C	85%

*or 3° above the dew point

DRYING TIME

Touch dry	Over-coating interval		Dry to handle	Full Cure
	Minimum	Maximum		
30 minutes at 25°C for 500µm at 50% RH	8 hours at 25°C at 65% RH	-	8 Hours	8 Hours

STORAGE AND HANDLING

Storage - Store at temperatures between 5°C and 40°C, away from direct sunlight, open flames or sparks

Shelf Life - Minimum 1 year when packed in original containers

HEALTH AND SAFETY

- Adequate ventilation should be provided during use
- Avoid contact with the skin by using gloves, barrier creams and face mask
- If the product comes into contact with the skin, wash immediately with lukewarm water and soap, if the eyes are affected flush with water of diluted boric acid solution and seek medical attention immediately
- Refer to Material Safety Data Sheet (MSDS)

DISCLAIMER

Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user's responsibility to ensure that this sheet is current prior to using the product. **ISSUE DATE 04/11/2010**