

Bonding Liquid



DESCRIPTION

A single pack, solvented acrylic copolymer, air drying clear primer

INTENDED USE

A clear alkali resistant resin based binding agent for porous and friable surfaces

PRODUCT FEATURES

- A low viscosity sealer that ensures an excellent penetration of the substrate
- Excellent penetrating into porous surfaces
- Excellent for use on under bonded as well as excessively porous surfaces
- Excellent as a sealer to prior application of undercoat or topcoat, also suitable as a sealer for roof tiles
- Can be over coated with solvent based and emulsion based paints

LIMITATIONS

- Cannot be applied to bare metal surfaces
- Use only in well ventilated areas
- Flammable, keep away from sources of ignition no smoking

PACKAGING

- 5lt and 20lt Kits

STANDARD COLOUR AVAILABILITY

Clear



PRODUCT INFORMATION

- **Number of Components:** 1
- **Density:** 0.93 kg/litre
- **Volume Solids:** 11.7%
- **Mass Solids:** 12%
- **Film Thickness:** Wet 215- 300µm
Dry 25 - 35µm
- **Spreading Rate:** 5m² /lt @ 25µm DFT
- **Temperature Resistance:** Dry 80°C
- **Viscosity:** 10-15sec. Ford Cup 4

SURFACE PREPARATION

- All surfaces shall be dry, clean, firm and free from dust, oil, grease, dirt and any other contamination before painting

New Work

- Remove oil, grease, dirt and any other contamination with **Speccoats Hydrosolve**. Followed by several fresh water rinses to remove traces of detergent

Previously Painted Surfaces

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



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APPLICATION

Mixing – Two Components

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

Application – Equipment & Methods

Brushes	Preferred Method as the primer must be “worked in”. On porous, under bound surfaces thin with 20% Speccoats Turps
Rollers	Preferred Method as the primer must be “worked in”. On porous, under bound surfaces thin with 20% Speccoats Turps
Airless Spray	Pump Ratio - 30 to 1 Min Nozzle Orifice - 11 to 15 Thou Tip Pressure - 145 Bar Min
Conventional Spray	<ul style="list-style-type: none"> Air Assisted Airless Pressure Pot - Pressure Feed Gun Gravity Feed Gun Various Nozzle sets are available to suit the guns

Thinning

- Not Recommended

Cleaner

- Cleaning is done with **Speccoats SA65 Thinners (Dry Paint)**

APPLICATION ENVIROMENT

Level	Surface Temperature	Ambient Temperature	Relative Humidity
Minimum	5°C*	5°C	0%
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		
3 hours at 25°C for 35µm at 50% RH	16 hours at 25°C at 50% RH	indefinite	16 hours at 25°C at 50% RH	16 Hours

STORAGE AND HANDLING

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

Flash Point - 48°C

Shelf Life - Minimum 1 year when packed in original containers

HEALTH AND SAFETY

- Flammable – keep away from sources of ignition – No smoking!!!
- 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 15/11/2010**