

Universal Undercoat



DESCRIPTION

A single pack, solvented, alkyd, air drying, filled and pigmented intermediate coat

INTENDED USE

A general purpose undercoat that will provide good adhesion on most primed surfaces

PRODUCT FEATURES

- Excellent adhesion onto most types of primers
- Easy to sand
- Excellent for use as a general purpose undercoat on previously painted or primed surfaces
- May be used on a variety of primed surfaces, such as plaster, wood, metal and others
- May be over coated with a variety of alkyd based and emulsion topcoat systems

LIMITATIONS

- Cannot be applied to bare metal surfaces
- Use only in well ventilated areas
- Flammable – keep away from sources of ignition such as smoking

PACKAGING

- 5lt and 20lt units

STANDARD COLOUR AVAILABILITY

White



PRODUCT INFORMATION

- **Number of Components:** 1
- **Mass Solids:** 52%
- **Density:** 1.4 kg/litre
- **Volume Solids:** 36%
- **Film Thickness:** Wet 70-100µm
Dry 25- 35µm
- **Spreading Rate:** 14.4m² / lt @ 25µm DFT
- **Temperature Resistance:** Dry 80°C
- **Viscosity:** 70-75 KU

SURFACE PREPARATION

- All surface shall be dry, clean, firm and free from dust, oil, grease or any other contaminants before painting
- Remove oil, grease, dirt and any other contamination using **Speccoats Hydrosolve**, followed by several fresh water rinses to remove all traces of detergent

Previously Painted Surface

- Surfaces must be in sound condition. Loose flaking paint must be completely removed
- Surface must be sanded smooth prior to application of Universal undercoat
- Any bare substrate should first be coated with the appropriate primer

Recommended Primer

- Plaster & Concrete – **Speccoats Alkali Plaster Primer**
- Steel – **Speccoats Alkyd Metal primer**
- Galvanized Steel – **Speccoats WB Galvanized Primer**
- Wood – **Speccoats Pink Wood Primer**







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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 methods as Plasterkey must be “worked in”
 Rollers	Preferred methods as Plasterkey must be “worked in”
 Airless Spray	Not Recommended
 Conventional Spray	Not Recommended

Thinning

- Use up to 20% *Speccoats Mineral Turps* if necessary

Cleaner

- For dried paint use *Speccoats SA 65 Thinners*

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
	Minimum	Maximum	
4 hours at 25°C for 35µm at 65% RH	16 hours at 25°C at 65% RH	-	16 Hours

Note: Dry in conditions of good air circulation

STORAGE AND HANDLING

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

Shelf Life - Minimum 1 year when packed in original containers

Flash point - 48°C

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 17/11/2010**