

**DESCRIPTION**

- an ultra-premium, pigmented two-pack polyurethane undercoat for interior

**PRINCIPAL CHARACTERISTICS**

- a high build product, offering fast set-up, free sanding and good hold-out on raw MDF edges
- resistant to edge rub throughs when sanded, resists sagging on sharp edges and provides a sound base for optimum hold-out of polyurethane topcoats
- suitable for use on open-grained timbers, particle-board, MDF, Melamine etc.
- designed specifically for use under Colourthane S-Series and C-Series topcoats

**Note:** We advise that you test this product to determine if it is suitable for your particular use.

**COLOURS AND GLOSS**

- white, low gloss

**RECOMMENDED FILM THICKNESS (PER COAT)**

	Typical
Theoretical spreading rate m <sup>2</sup> /l	8-10

**BASIC DATA AT 25° C AND 50% RELATIVE HUMIDTY**

- vehicle type..... acrylic polyurethane
- solids content approx..... 50 % by volume
- mix ratio ..... 2A:1B by volume
- dust free ..... 5-10 minutes
- touch dry ..... 15-20 minutes
- sandable ..... 3 hours
- recoat ..... 4 hours (better hold out is obtained if the film is left to cure for between 24 to 72 hrs)

**SURFACE PREPARATION**

- all surfaces must be free from wax, silicone, oil and other contaminants
- fill holes and minor imperfections with Wattyl Full Stop Timber Putty
- sand smooth with 180-240 grade fre-cut paper, and remove all sanding dust

**APPLICATION INSTRUCTIONS**

- mixing ratio by volume: 2A : 1B
- cure with Colourthane UC210 Part B only
- induction time- 5 minutes, mix again after this time
- potlife at 25° C- 3-5 hours; at 35° C- 1-2 hours. Do not use after this time even if the mix is still liquid
- stir the components and mixed product well using a mechanical mixer
- apply two to three passes by spray. Best results are obtained by using a medium fan-setting, and applying medium to wet coats allowing to "flash off" for 3-5 minutes between coats
- may be overcoated after 4 hours
- better hold out and quality of finish will be achieved if overcoating is performed between 24 and 72 hours
- must be sanded if overcoating after 24 hours
- sand with 320-400 grade fre-cut paper, remove all sanding dust

- maximum topcoat adhesion is obtained by overcoating within 72 hours
- finish with Colourthane C-Series or S-Series coloured topcoats
- do not apply or attempt to cure at temperatures below 10° C
- relative humidity should not exceed 75% during application and before the dry to handle time
- Warning: Excessive builds on timber can lead to stress-cracking as the timber adjusts to its new conditions of temperature and moisture content. The recommended maximum total build is 150 microns (dry film) for the total system.
- for recommendations outside those contained in this data sheet, refer to Wattyl

**APPLICATION METHODS**

- **AIRLESS SPRAY**
  - recommended thinner ..... Thinner L775 or MEK (methyl ethyl ketone)
  - volume of thinner ..... up to 10 %
  - fluid nozzle..... 0.23 - 0.28mm (0.009-0.11 inch)
  - pump ratio. .... 12 - 20 :1
  - pump pressure..... 7-10 MPa (150psi)
- **AIR SPRAY**
  - recommended thinner ..... Thinner L775 or MEK (methyl ethyl ketone)
  - volume of thinner ..... up to 20 %
  - fluid nozzle..... 1.5-2.0 mm
  - pressure to the gun ..... 250-350 KPa (30-50psi)
- **HVLP CONVENTIONAL**
  - recommended thinner ..... Thinner L775 or MEK (methyl ethyl ketone)
  - volume of thinner ..... up to 10 %
  - fluid nozzle..... 1.5-2.0 mm
  - pressure to the gun ..... 250-350 KPa (30-50psi)
  - pressure to air cap..... 70 KPa (10psi)
- **CLEANING SOLVENT.....** Thinner L775 or MEK (methyl ethyl ketone)

**Note:** In warmer conditions, replace some or all of Thinner L775 or MEK with Thinner L743.

**SAFETY PRECAUTIONS**

- flammable. Avoid contact with heat and naked flame
- avoid contact with skin and eyes
- use gloves, mask and goggles during application
- provide adequate ventilation when using in confined spaces
- contains 0.05% monomeric diisocyanate when mixed. Provide adequate ventilation during use. Breathing the vapour is dangerous. Avoid prolonged breathing of fumes. Where ventilation is poor or where applied by spray, use suitable respiratory equipment at all times
- this product is intended for use in industrial situations by professional applicators in accordance with the advice given on this sheet. All work involving the use and application of this product should be carried out in compliance with all relevant Health, Safety & Environmental standards and regulations and must not be used without reference to the Material Safety Data Sheet (MSDS)

**STORAGE AND PACKAGING**

- shelf life at least 12 months in an unopened container
- all components shall be stored in a dry internal environment at between 5 °C and 35 °C
- packaging     Part A- 4 Lts and 20Lts  
                    Part B- 1 Lt.

**For the most up to date information visit our website  
or Contact Valspar Customer Service Hotline on:**

**www.wattylpc.com  
132 101 (Australia) or 0800 735 551 (New Zealand)**



Quality  
ISO 9001

Valspar is committed to quality in the design, production and delivery of its products and services. Valspar's Australian manufacturing facilities quality management systems are certified to ISO9001.

Valspar's laboratory facilities are accredited for technical competence with the National Association of Tests Authorities, Australia (NATA) and comply with the requirements of ISO/IEC 17025. Accreditation No.104 (Footscray), 1154 (Glendenning) and 931 (Kilburn).



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