



DESCRIPTION

- a two pack high build, recoatable isocyanate cured acrylic polyurethane finish
- conforms to AS/NZS 3750.6 type 2

PRINCIPAL CHARACTERISTICS

- unlimited recoatability
- excellent resistance to atmospheric exposure
- excellent gloss retention
- tough, flexible and abrasion resistant
- resistant to splash of mineral oils, vegetable oils and aliphatic petroleum products
- resistant to splash of mild chemicals

COLOURS AND GLOSS

- White, AS 2700 Colour Card - gloss

BASIC DATA AT 25° C

- solids content approx. 75% by volume
- mix ratio 4A:1B by volume
- typical film thickness (per coat) 100 microns(dry), 135 microns(wet)
- theoretical spreading rate 7.5 m²/l for 100 microns(dry)
- touch dry after 4 hours
- overcoating interval..... min. 16 hours - not normally required
max. unlimited. Ensure surface is free from chalking and contamination
- full cure after 7 days
- shelf life (cool and dry place) at least 12 months

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURE

- previous suitable coat must be dry and free from chalking and contamination and sufficiently roughened if necessary
- oil and grease should be removed from all surfaces in accordance with AS 1627.1 solvent cleaning
- substrate temperature must be at least 5°C during surface preparation, application and curing and at least 3°C above dew point
- relative humidity should not exceed 75% during application and before the dry to handle time

INSTRUCTIONS FOR USE

- mixing ratio by volume 4A:1B
- induction time - none
- pot life at 25°C 2.5 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
- this product must be thinned with the recommended thinner before application
- thinning recommendations are given as a guide and may vary depending upon substrate temperature and weather conditions
- the temperature of the mixed product must be above 15°C, otherwise extra thinner may be required to obtain application viscosity
- too much thinner will result in lower sag resistance and slower cure
- thinner should only be added after mixing the components
- freshly catalysed material should not be added to product that has been mixed for some time



- for recommendations outside those contained in this data sheet, refer to WattyL
- the application of a tack coat is recommended

APPLICATION

- **AIRLESS SPRAY**
 - recommended thinner Thinner L757
 - volume of thinner up to 10%
 - nozzle orifice..... approx. 0.33 mm (0.013 inch)
 - nozzle pressure 15 MPa (2100 psi)
- **AIR SPRAY**
 - recommended thinner Thinner L757
 - volume of thinner Up to 15%
 - nozzle orifice..... 1.4 - 1.8 mm
 - nozzle pressure 0.3 - 0.4 MPa (50 - 60 psi)
- **BRUSH/ROLLER**
 - recommended thinner Thinner L756
 - volume of thinner Up to 10%Multiple coats may be required to achieve the recommended dry film thickness
- **CLEANING SOLVENT** Thinner L757

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
- this paint contains 0.037% monomeric diisocyanate when mixed. Provide adequate ventilation during use. Breathing the vapour is dangerous. Avoid breathing of fumes. Where applied by spray, use suitable air-fed respiratory equipment/hood 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)

**ADDITIONAL DATA****Overcoating table - with Poly U750 (not normally required)**

Substrate temperature	5°C	15°C	25°C	35°C
Minimum interval	36 hrs	24 hrs	16 hrs	8 hrs
Maximum interval	unlimited when dry and free from any chalking and contamination			

Curing table

Substrate temperature	Touch dry	Dry to handle	Full cure
5°C	12 hrs	36 hrs	16 days
15°C	6 hrs	24 hrs	10 days
25°C	3 hrs	16 hrs	7 days
35°C	1½ hrs	8 hrs	5 days

- adequate ventilation must be continuously maintained during application and curing.

Pot life (at application viscosity)

Paint temperature	Pot life
15°C	4 hrs
25°C	2½ hrs
35°C	1 hr

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