

**DESCRIPTION**

- a clear, acid-catalysed alkyd urea-based finish

PRINCIPAL CHARACTERISTICS

- excellent resistance to abrasion and wear
- smooth feel
- excellent application properties
- long pot-life
- suitable as a self-sealing coating, however for maximum build and easier sanding use Crystalac Sealer
- ideal for furniture and panelling used in heavy-wear areas, such as cafeterias, office desks, and bench-tops

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

COLOUR AND GLOSS

- clear, high satin (60%), satin (30%) and matt (15%)

BASIC DATA AT 25°C and 50% RELATIVE HUMIDITY

- mix ratio 9A:1B by volume
- dust free 20 minutes
- touch-dry 30 minutes
- sandable 2-3 hours
- recoat 2-3 hours - better hold out is obtained if the film is left to cure overnight
- practical spreading rate 8-10 m²/L
- shelf life (cool, dry place) at least 12 months in unopened container

SURFACE PREPARATION

- all surfaces must be free from wax, silicone, oil and other contaminants
- fill holes and minor imperfections with WattyI Full Stop Timber Putty
- sand smooth with 180-240 grade fre-cut paper, and remove all sanding dust
- if required, stain the surface using WattyI Craftsman® Dye Stain Fast, Slow or Craftsman Pigmented Stain
- seal surface with Crystalac Sealer

INSTRUCTIONS FOR USE

- mixing ratio by volume: 9A:1B
 - mix with Crystalac Catalyst Part B only
 - induction timer- none
 - pot life at 25°C - 40 hours. Do not use after this time even if the mix is still liquid
 - pot life may be extended to approximately 200 hours (at 25°C) by reducing the catalyst addition level to 18:1 (that is half the normal level). Catalysed mixtures may be revived by adding freshly-catalysed material, in ratios exceeding 2 parts of fresh to 1 part of used material
 - stir the components and mixed product well using a mechanical mixer
 - thinner (if required) should only be added after mixing the components
 - apply two coats
 - may be sanded after 2-3 hours air-drying
 - may be recoated immediately after the first coat has become dust-free, better hold-out is obtained if re-coating is left for 2-3 hours
 - If desired, can be used as a self-sealer: thin the first coat up to 10% with the recommended reducer. Subsequent coats should be applied un-thinned
- Note: When using airless spray equipment, care should be taken not to apply thick build in one application, otherwise surface defects may occur.



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

- **CONVENTIONAL SPRAY**
 - recommended thinner Thinner T18
 - volume of thinner up to 10%
 - fluid nozzle 1.5 - 2.0 mm
 - pressure to the gun.... 250 - 350 kPa (30 - 50 psi)
- **AIR-ASSISTED AIRLESS SPRAY**
 - recommended thinner Thinner T18
 - volume of thinner up to 5%
 - fluid nozzle 0.23 - 0.28 mm (0.009- 0.11inch)
 - pump ratio 12 - 20 : 1
 - pump pressure 7 - 10 MPa (1000 - 1500 psi)
- **HVLP CONVENTIONAL**
 - recommended thinner Thinner T18
 - volume of thinner up to 5%
 - fluid nozzle 1.5 - 2.0 mm
 - pressure to the gun..... 250 - 350 kPa (30 - 50 psi)
 - pressure to air cap 70 kPa (10 psi)
- **CLEANING SOLVENT** Thinner T18
- **Note:** in warmer ambient conditions, T206 Retarder may be substituted or blended with Thinner T18

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 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)

PACKAGING

Part A 18 litres
Part B 2 litres

For the most up to date information contact Wattyl Customer Service Hotline or visit the Wattyl Website.

	Australia	New Zealand
CUSTOMER SERVICE HOTLINE	132 101	0800 735 551
WEBSITE	http://www.wattyl.com.au	http://www.wattyl.co.nz

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