



**DESCRIPTION**

- an ultra-premium, two-pack, acrylic polyurethane coating for interior timber

**PRINCIPAL CHARACTERISTICS**

- offers high build with excellent edge-coverage plus outstanding feel and appearance
- tough, flexible and abrasion resistant
- superior colour reproducibility through intermix tinting system
- excellent flow and levelling
- excellent non-yellowing properties
- unlimited recoatability
- range of hardeners and thinners available to provide flexibility in application
- resistant to splash of mineral and vegetable oils, hot water, common household chemicals such as nail polish, vegetable oil and beverage alcohol etc
- high-gloss finish minimises the need for polishing after the final coat
- ideal as a finish for timber surfaces where exceptional gloss/DOI and resistance to heavy wear are required or where a smooth and soft feel satin finish is preferred, e.g. kitchen cabinets, balustrades, panelling, shopfittings, etc.

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

**COLOUR AND GLOSS**

- available in a wide range of fashion colours, full gloss
- white, full gloss and satin (30%)
- satin colours available using Matting Agent 600
- the colour system is based on an intermix system that allows an infinite array of colour possibilities

**BASIC DATA AT 25°C and 50% RELATIVE HUMIDITY**

- mix ratio ..... 2A:1B by volume
- dust free ..... 20-30 minutes (standard hardener)  
20-30 minutes (fast hardener)
- tack free ..... 1 hour (standard hardener)  
45 minutes (fast hardener)
- dry to handle ..... 3 hours (standard hardener)
- ..... 2 hours (fast hardener) dry to handle
- stackable..... 24 hours (standard hardener)  
16 hours (fast hardener)
- full cure after ..... 7 days
- recoat time ..... overnight
- practical spreading rate ..... approx. 10 m<sup>2</sup>/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 Watty Full Stop Timber Putty
- sand smooth with 180-240 grade fre-cut paper, and remove all sanding dust
- filling/sealing, apply 1-2 coats of Spectrothane Undercoat, sand smooth with 320- 400 grade paper, remove all sanding dust
- the appearance of the top-coat depends on the smoothness of the filler/sealer, so care at this stage is of utmost importance

**INSTRUCTIONS FOR USE**

- mixing ratio by volume: 2A:1B
- induction time- 5 minutes, mix again before use
- potlife at 25°C - 3-4 hours (standard hardener), 2-3 hours (fast hardener). Do not use after this time even if the mix is still liquid
- stir the components and mixed product well using a mechanical mixer
- thin only with Spectrothane Thinners (standard, slow)
- apply two coats by conventional spray
- generally, spray vertical surfaces with a wide fan, building up thin, wet coats, allowing 5-10 minutes flash off time between coats (at 25°C), for horizontal surfaces, higher film-builds may be applied
- recoating is not usually necessary however leave the product overnight for optimal results
- may be recoated, without sanding, up to 16 hours after the first application
- if re-coating is necessary after this time, sand lightly with 800-1200 grade wet or dry between coats
- however care should be taken not to apply excessive builds in a single coat as solvent boil may occur especially in warmer conditions
- dust or imperfections in the film may be removed (Spectrothane Gloss only) by using a very fine grade of abrasive paper
- sand marks may be removed by using 1200-2000 grade Wet-or-Dry paper, lubricated with soapy water the system may then be polished using a suitable fine, automotive grade polish (after overnight dry)
- 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 Watty!

**APPLICATION**

- **CONVENTIONAL SPRAY**
  - recommended thinner ..... Spectrothane Thinner
  - volume of thinner ..... up to 15%
  - fluid nozzle ..... 1.5 - 2.0 mm
  - pressure to the gun..... 250 - 350 kPa (30 - 50 psi)
- **HVLP CONVENTIONAL**
  - recommended thinner ..... Spectrothane Thinner
  - volume of thinner ..... up to 10%
  - 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** ..... Spectrothane Thinner

**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 0.036% 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)

**ADDITIONAL DATA****Curing table at 25°C**

	Dust free	Touch-dry	Dry to handle	Stackable
Standard Hardener	20-30 mins	1 hr	3 hrs	24 hrs
Fast Hardener	20-30 mins	45 mins	2 hrs	16 hrs

- adequate ventilation must be continuously maintained during application and curing

**Pot life (at application viscosity)**

Paint temperature	Standard Hardener	Fast Hardener
15°C	6 hrs	4 hrs
25°C	3-4 hrs	2-3 hrs
35°C	1½ hrs	1 hr

**PACKAGING**

Part A 1 litre, 4 litres, 20 litres

Part B 1 litre

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

	<b>Australia</b>	<b>New Zealand</b>
<b>CUSTOMER SERVICE HOTLINE</b>	132 101	0800 735 551
<b>WEBSITE</b>	<a href="http://www.wattyl.com.au">http://www.wattyl.com.au</a>	<a href="http://www.wattyl.co.nz">http://www.wattyl.co.nz</a>

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WATTYL AUSTRALIA PTY LTD (ABN 40 000 035 914)