



DESCRIPTION

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

PRINCIPAL CHARACTERISTICS

- a high quality clear finishing system that offers high build and excellent feel, gloss and appearance due to its outstanding flow and smoothness
- offers high build with excellent edge-coverage plus outstanding feel and appearance
- tough, flexible and abrasion resistant
- 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 Clear finish for timber surfaces where exceptional quality, appearance, gloss, depth of image and resistance to heavy wear are required, e.g. kitchen cabinets, balustrades, panelling, shop fittings, etc.

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

COLOUR AND GLOSS

- clear, satin (35%) and full gloss

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)
- touch-dry 1 hour (standard hardener)
45 minutes (fast hardener)
- dry to handle 3 hours (standard hardener)
2 hours (fast hardener)
- stackable 24 hours (standard hardener)
16 hours (fast hardener)
- full cure after 7 days
- recoat time 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 Watty! Full Stop Timber Putty
- sand smooth with 180-240 grade fre-cut paper, and remove all sanding dust
- if required, stain the surface using Watty! Craftsman® Dye Stain Fast, Slow or Craftsman Pigmented Stain
- Do not use Woodgrain Filler under Spectrothane Clear or Clarithane Clear Polyurethane Sealer
- filling/sealing, apply 1-2 coats of Clarithane Clear Polyurethane Sealer to the desired wet film thickness. Allow to dry, and sand (refer to the relevant data sheets for further details on sealer application and sanding recommendations)
- Spectrothane Clear may be used as a self-sealer, but better sanding and grain filling will be achieved by using Clarithane Clear Polyurethane Sealer



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 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
- may be sanded after two hours air-drying. Sand between coats with 320-400 grade fre-cut paper
- force-drying at 45-50°C for 10-15 minutes, after 30-45 minutes flash-off, enables sanding after one hour
- may be re-coated immediately after the first coat has become dust-free, but better hold-out is obtained when re-coating if left for 4 hours. If re-coating is required after 24 hours, thoroughly sand with 320-400 grade fre-cut paper between coats
- remove all sanding-dust, and apply the desired number of coats
- dust or imperfections in the film (Clear Gloss only) may be removed 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 Gloss system may then be polished using a suitable fine, automotive grade polish (after overnight dry), if required
- gloss level may be altered with the addition of Matting Agent 600, refer to technical data sheet for more information
- 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 0.045% 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 4 litres

Part B 1 litre

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

CUSTOMER SERVICE HOTLINE
WEBSITE

Australia
132 101
<http://www.wattyl.com.au>

New Zealand
0800 735 551
<http://www.wattyl.co.nz>

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