



# CLARITHANE<sup>®</sup> CLEAR POLYURETHANE SEALER

TM6.20

## DESCRIPTION

- a clear, two pack polyurethane sealer for interior timber

## PRINCIPAL CHARACTERISTICS

- fast curing, with excellent quick sanding time
- designed to give a high build finish to open grained timbers
- suitable for use on substrates stained with WattyI Craftsman<sup>®</sup> Dye Stain Fast, Slow or Craftsman Pigmented Stain
- excellent hold-out, especially when used under Spectrothane<sup>®</sup> Clear Topcoat

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

## COLOUR AND GLOSS

- clear, low sheen

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

- mix ratio ..... 1A:1B by volume
- dust free ..... 10 minutes
- touch-dry ..... 20 minutes
- sandable ..... 2 hours
- recoat ..... 10 minutes (with itself), 1 hour (topcoats)
- practical spreading rate ..... 8m<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 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
- Do not use Woodgrain Filler under Clarithane Clear Polyurethane Sealer

## INSTRUCTIONS FOR USE

- mixing ratio by volume: 1A:1B
- induction time- 5 minutes, mix again before using
- potlife at 25°C - 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
- For MDF and high resin-content timbers (such as cedar and rosewood), thin 10% with Spectrothane Standard Thinner
- apply one coat by conventional spray, may be re-coated immediately with itself after the first coat
- has become dust free, but better hold-out is obtained if re-coating is left for one hour
- may be sanded after 2 hours of air-drying
- finish with Spectrothane Clear Topcoat
- 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 WattyI



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## APPLICATION

- **CONVENTIONAL SPRAY**
  - recommended thinner ..... Spectrothane Standard Thinner
  - 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 ..... Spectrothane Standard Thinner
  - 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 ..... Spectrothane Standard Thinner
  - 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** ..... Industrial Universal Thinner or Spectrothane Standard 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 0.12% 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)

## PACKAGING

Part A 4 litres

Part B 4 litres

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

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

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