



**DESCRIPTION**

- a clear, two-pack acid-catalysed coating for interior timber

**PRINCIPAL CHARACTERISTICS**

- excellent finish
- high-solids, with low odour
- excellent sanding properties
- excellent resistance to abrasion, hot water splash, common household chemicals such as nail polish, vegetable oil and beverage alcohol
- suitable for small and large-scale factory finishing for domestic and commercial applications
- suitable for interior use only

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

**COLOUR AND GLOSS**

- clear, full gloss, semi- gloss (50%) and satin (30%)

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

- mix ratio ..... 9A:1B by volume
- dust free ..... 10-15 minutes
- touch-dry ..... 20 minutes
- sandable ..... 60 minutes
- recoat ..... 1½ hours - better hold out is obtained if the film is left to cure overnight
- practical spreading rate ..... 8-10 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 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 Acid Cat
- filling/sealing, apply a double-pass of Acid Cat 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)
- Acid Cat Clear Topcoat may be used as a self-sealer, but better sanding and grain filling will be achieved by using Acid Cat Sealer

**INSTRUCTIONS FOR USE**

- mixing ratio by volume: 9A:1B
  - induction time- none
  - potlife at 25°C - 48 hours (when thinned). Do not use after this time even if the mix is still liquid
  - stir the components and mixed product well using a mechanical mixer
  - apply a double-pass of Acid Cat Clear to give a wet film thickness of 75 - 125 microns. Allow to dry for a maximum of 5 minutes between passes. Allow to dry for 1 hour then sand with 320-400 fre-cut paper, removing all sanding dust. If desired, a second coat of Acid Cat Clear may be applied. Better hold out can be obtained if the sealer is left to dry overnight.
- 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.



Acid Catalysed Coatings may cause discoloration in timbers eg. beech, huon pine, some cedars and cherry. This is due to a reaction between particular tannins in the timber and the acid component of the coating. Perform a test patch to check colour or use an alternative sealer such as Furniseal.

- for recommendations outside those contained in this data sheet, refer to Watty!

**APPLICATION**

- **CONVENTIONAL SPRAY**
  - recommended thinner ..... Acid Cat Thinner
  - volume of thinner ..... up to 15%
  - fluid nozzle ..... 1.5 - 2.0 mm
  - pressure to the gun..... 250 - 350 kPa (30 - 50 psi)
- **AIR-ASSISTED AIRLESS SPRAY**
  - recommended thinner ..... Acid Cat Thinner
  - volume of thinner ..... up to 10%
  - fluid nozzle ..... 0.23 - 0.28 mm (0.009 - 0.011 inch)
  - pump ratio ..... 12 - 20 : 1
  - pump pressure ..... 7 - 10 MPa (1000 - 1500 psi)
- **HVLP CONVENTIONAL**
  - recommended thinner ..... Acid Cat 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** ..... Acid Cat Thinner
- **Note:** In hot conditions, replace some or all of the Acid Cat Thinner with Acid Cat Retarder

**SAFETY PRECAUTIONS**

- the catalyst used with this product contains an acid component, therefore the precautions stated on the label and MSDS must be followed
- 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 4.5 litres, 18 litres  
Part B 500mL, 2 litres

For the most up to date information contact Watty! Customer Service Hotline or visit the Watty! 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.watty.com.au">http://www.watty.com.au</a>	<a href="http://www.watty.co.nz">http://www.watty.co.nz</a>

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WATTYL AUSTRALIA PTY LTD (ABN 40 000 035 914)