



# INDUSTRIAL PIGMENTED LACQUER

TM9.50

## DESCRIPTION

- a pigmented, nitrocellulose general purpose lacquer for metal and timber applications

## PRINCIPAL CHARACTERISTICS

- fast-drying, economical, and suitable for high-speed production lines
- suitable for interior timber surfaces, household and office panelling, fittings, toys etc
- suitable for metal surfaces such as tubular items, garden and machine tools and ornaments
- offers protection against hot oil and corrosion on suitably prepared metal castings and transformer internals

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

## COLOUR AND GLOSS

- AS2700 Colour Card, silver, full gloss
- satin white, black

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

- vehicle type ..... nitrocellulose
- typical film thickness (per coat) ..... 25 microns (dry), 95 microns (wet)
- solids content ..... approx. 26% by volume
- theoretical spreading rate ..... 10m<sup>2</sup>/L for 25 microns (dry)
- touch dry after ..... 5 minutes
- dry to handle ..... 20 minutes
- hard dry ..... 24 hours
- recoat time ..... minimum 30 minutes
- shelf life (cool, dry place) ..... at least 12 months in unopened container

## RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURE

- best coating performance will be obtained with the highest degree of surface preparation
- degrease thoroughly to remove all oil, grease and other surface contaminants (metal surfaces only)
- mild steel; remove all rust and any loose material by wire brush or mechanical sander, prime with Watty! Super Etch<sup>®</sup> Primer
- non-ferrous metals, galvanised iron, ZINCALUME<sup>®</sup>, abrade using a Scotch-Brite<sup>®</sup> pad or wet and dry sandpaper. Do not use steel wool. Prime with Watty! Super Etch Primer
- timber; fill nail holes etc on interior timbers with Watty! Fullstop Timber Putty, Sand smooth with 180-240 grade fre-cut paper, and remove all sanding dust, seal with Watty! Unicoat
- suitable previous coat; mechanically sand with P220-240 grit sandpaper
- substrate temperature should be at least 3°C above dew point
- relative humidity should not exceed 85%

## INSTRUCTIONS FOR USE

- stir thoroughly with a flat-bladed or mechanical stirrer before, and during use
- paint temperature must be above 15°C, otherwise extra thinner may be required to obtain application viscosity
- too much thinner will result in low sag resistance and slower cure
- adequate ventilation must be continuously maintained during application and curing
- apply two to four coats by conventional spray
- may be sanded after one to two hours of air-drying
- may be re-coated immediately after the first coat has become dust free, but better hold-out (on timber) is obtained if re-coating is left for two-three hours
- for recommendations outside those contained in this data sheet, refer to Watty!

**Note:** 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) for the total system.



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## APPLICATION

- **AIRLESS SPRAY**
  - recommended thinner .... L780 Industrial Universal Thinner
  - volume of thinner ..... up to 50%
  - fluid nozzle ..... 0.23 - 0.28 mm (0.009-0.011 inch)
  - pump pressure ..... 7 - 10 MPa (1000 - 1500 psi)
  
- **AIR SPRAY**
  - recommended thinner .... L780 Industrial Universal Thinner
  - volume of thinner ..... up to 50%
  - fluid nozzle ..... 1.5 - 2.0 mm
  - pressure to the gun..... 250 - 350kPa (30-50 psi)
  
- **HVLP CONVENTIONAL**
  - recommended thinner .... L780 Industrial Universal Thinner
  - volume of thinner ..... up to 50%
  - fluid nozzle ..... 1.0 - 1.5 mm
  - pressure to the gun..... 250 - 350kPa (30-50 psi)
  - pressure to air cap ..... 70 kPa (10 psi)
  
- **CLEANING SOLVENT** ..... L780 Industrial Universal Thinner
  
- **Note:** In warmer conditions, replace some or all of L780 Industrial Universal Thinner with Thinner L743.

## 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

4 litres, 20 litres

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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