



SYNTHETIC UNDERCOAT 508 (formerly 508 Synthetic Undercoat)

TM1.60

DESCRIPTION

- a general purpose undercoat for timber and mild steel

PRINCIPAL CHARACTERISTICS

- excellent adhesion to both timber and mild steel surfaces
- fast drying
- suitable for external use when top-coated with exterior grade enamel such as Watty Industrial Enamel
- suited for interior timber and metal shopfittings, shelving, architraves, tubular furniture, metal office equipment, cabinets etc.
- can be used as a topcoat in protected areas such as the interior of timber drawers

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

COLOUR AND GLOSS

- white, low sheen

BASIC DATA AT 25°C and 50% RELATIVE HUMIDITY

- vehicle..... alkyd copolymer
- typical film thickness (per coat) 25 microns (dry), 70 microns (wet)
- solids content approx. 39% by volume
- theoretical spreading rate 16 m²/L at 25 microns dry
- touch dry after 30 minutes
- dry to handle 2 hours
- hard dry overnight
- recoat time minimum 2 hours
- shelf life (cool dry place) up to 12 months

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
- mild steel; remove all rust and any loose material by wire brush or mechanical sander
- substrate temperature should be at least 3°C above dew point
- timber; remove all loose, peeling or flaking material. Fill all nail holes with Watty Fullstop Timber Putty. Sand smooth and remove all dust
- suitable previous coat; mechanically sand with P220-240 grit sandpaper
- relative humidity should not exceed 85%

INSTRUCTIONS FOR USE

- stir thoroughly with a flat-bladed 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
- relative humidity should not exceed 85%
- adequate ventilation must be continuously maintained during application and curing
- for recommendations outside those contained in this data sheet, refer to Watty



SYNTHETIC UNDERCOAT 508 (formerly 508 Synthetic Undercoat)

TM1.60

APPLICATION

- **AIRLESS SPRAY**
 - recommended thinner Industrial Enamel Thinner
 - volume of thinner up to 25%
 - nozzle orifice..... approximately 0.33mm (0.013 inch)
 - nozzle pressure 7-10.5 MPa (1000-1500 psi)
 -
- **AIR SPRAY**
 - recommended thinner Industrial Enamel Thinner
 - volume of thinner up to 50%
 - nozzle orifice..... 1.5 - 2.0mm
 - nozzle pressure 250 - 350 kPa (30-50 psi)
- **CLEANING SOLVENT** Industrial Enamel 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
- 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)

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

| | | |
|---------------------------------|---|---|
| | Australia | New Zealand |
| CUSTOMER SERVICE HOTLINE | 132 101 | 0800 735 551 |
| WEBSITE | http://www.wattyl.com.au | http://www.wattyl.co.nz |

Wattyl is a registered trademark of Wattyl Australia Pty Ltd.

1. This information is provided with respect to the listed Wattyl products. Wattyl recommends that: (a) you review the Technical Data Sheets (TDS) and Material Safety Data Sheets (MSDS) before you use or handle the product; (b) the product be used only in accordance with the information provided by Wattyl; (c) the product be transported, stored and handled in accordance with the information on the MSDS and relevant TDS; and (d) you thoroughly test the product, using the recommended application method on a sample of intended substrate, before using the product. 2. The information in this TDS was prepared using information gathered during product development. While Wattyl endeavours to update this information and maintain the accuracy and currency of its contents, Wattyl cannot guarantee that the information provided is wholly comprehensive. 3. For all product and non-product related information, Wattyl recommends that you conduct such additional investigations as may be necessary to satisfy yourself of the accuracy, currency and comprehensiveness of the information on which you rely in using and handling the product. If you require further information please contact your nearest Wattyl Office. 4. To the full extent permitted by law, Wattyl's liability for breach of a condition or warranty implied into the contract for sale between Wattyl and you by law is limited at Wattyl's election to: (a) the replacement of the product; or (b) payment of the cost of replacing the product.
WATTYL AUSTRALIA PTY LTD (ABN 40 000 035 914)