



LONGLIFE INDUSTRIAL ENAMEL

WM321

DESCRIPTION

- A general purpose full gloss spraying enamel for outdoor machinery and equipment, structural steel, ducting and equipment such as compressors etc. requiring an exterior durable enamel finish

PRINCIPAL CHARACTERISTICS

- Good gloss retention
- Flexible finish

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

COLOURS AND GLOSS

- Gloss
- White, black and a comprehensive range of colours from the Wattyl Industrial Tinting System

BASIC DATA AT 25°C AND 50% RELATIVE HUMIDITY FOR WFT OF 55µ

- Solids content approximately 54%
- Typical Film thickness (per coat) 55µ WFT, 30µ DFT
- Theoretical spreading rate 10m²/L
- Touch dry 4 Hours
- Re-coat time 24 hours. Times will change when the product is used under different temperature and humidity conditions
- Thinning and clean up Wattyl Reducer 300 or Wattyl Spraying thinners
- Shelf life Under normal conditions of temperature and humidity, full containers can be stored for up to 12 months before use. Containers should be stored unopened in a cool dry place

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURE

- Oil and grease should be removed from all surfaces in accordance with AS1627.1 Solvent cleaning
- Mild Steel: Blast clean to AS1627.4 Class 1½ (light blast clean) or power tool clean to AS1627.9 St2 minimum. Prime using Wattyl Zinc Phosphate Primer within 4 hours of preparation
- Galvanised Iron: High pressure water wash (with a non-ionic detergent if required) to remove any contamination of grease, oil, dirt, salts and loosely adherent materials. Prime using Wattyl Killrust Super Etch as soon as possible after preparation
- Substrate temperature must be at least 3°C above dew point
- Relative humidity should not exceed 85%

INSTRUCTIONS FOR USE

- Stir well before use with a flat bladed stirrer or mechanical mixer
- The temperature of the paint must be above 15°C, otherwise extra thinner may be required to obtain application viscosity
- Too much thinner will result in lower sag resistance and cure
- Thin, if required, using Wattyl Reducer 300 or Wattyl Spraying Thinner to a maximum of 20%
- Two coats may be applied wet on wet, allowing 10 - 20 minutes flash off between coats



APPLICATION

- **CONVENTIONAL SPRAY**
 - Fluid nozzle..... 1.5 - 2.0mm
 - Pressure to the gun.. 210 - 350kPa (30 - 50psi)
- **PRESSURE POT SPRAY**
 - Fluid nozzle..... 1.0 - 2.0mm
 - Pressure to the gun.. 210 - 350kPa (30 - 50psi)
 - Pot pressure 70 - 210kPa (10 - 30 psi)
- **AIR-ASSISTED AIRLESS SPRAY**
 - Fluid nozzle..... 6 - 13thou
 - Pump ratio 12:1 to 20:1
 - Pump pressure 7 000 - 10 000kPa (1000 - 1500 psi)
- **AIRLESS SPRAY**
 - Fluid nozzle..... 9 - 13thou
 - Pump ratio 16:1 to 20:1
 - Pump pressure 7 000 - 10 000kPa (1000 - 1500 psi)
- **HVLP CONVENTIONAL SPRAY**
 - Fluid nozzle..... 1.5 - 2.0mm
 - Pressure to the gun.. 210 - 350kPa (30 - 50psi)
 - Pressure to air cap... 70kPa (10psi)
- **HVLP PRESSURE POT SPRAY**
 - Fluid nozzle..... 1.0 - 1.5mm
 - Pressure to the gun.. 210 - 350kPa (30 - 50psi)
 - Pot pressure 70 - 210kPa (10 - 30 psi)
 - Pressue to air cap.... 70kPa (10psi)

Note: This information is issued as a guide only. For further details regarding your specific operations, consult your equipment manufacturer. For recommendations outside those contained on this data sheet, refer to Wattyl Information Help line

SAFETY PRECAUTIONS

- 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)
- Spray mist may be produced when using this product, so operators should comply with the minimum safety guidelines:
 - A cartridge respirator conforming to AS/NZ 1715/16-1994
 - Safety glasses or goggles conforming to AS/NZ 1337-1992
 - Wear overalls and gloves. AS/NZ 2919-1987, AS/NZ 2161-1978
 - Provide adequate ventilation during use. Spray only in an approved booth
 - Avoid contact with skin and eyes and avoid breathing the vapour
 - Keep away from heat and naked flame. This product is flammable
 - The use of silicone-free barrier cream is recommended
 - In case of spillage, absorb on to dry sand or earth and remove from the work area. Once collected dampen down to neutralise with water and dispose



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FIRST AID

If affected by inhalation of vapour or mist, remove to fresh air. If poisoning or breathing difficulties occur following the use of this product consult a doctor and have label information available. In case of eye contact, flush immediately with plenty of water for 15 minutes and call a doctor. If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water. If irritation occurs seek medical assistance. Immerse contaminated clothing in water, and do not re use until it has been laundered.

DANGEROUS GOODS INFORMATION

Flash Point	UN No	Packaging group	Haz Chem Code	Precautions
< 23°C	1263	II	3[Y]E	Highly Flammable

PACKAGING

- 5L holding 4L
- 20L holding 20L

- CUSTOMER SERVICE HOTLINE 0800 735 551 (NZ)

- **Wattyl® is a registered trademark of Wattyl Australia Pty Ltd.**

This information is provided with respect to the listed Wattyl products. Wattyl recommends that:

(a) the user should check the date of printing, and if more than 24 months have elapsed, should verify with our nearest sales office that the information is still current; (b) you review the Technical Data Sheets (TDS) and Material Safety Data Sheets (MSDS) before you use or handle the product; (c) the product be used only in accordance with the information provided by Wattyl; (d) the product be transported, stored and handled in accordance with the information on the MSDS and relevant TDS; and (e) you thoroughly test the product, using the recommended application method on a sample of intended substrate, before using the product.

The information in this technical data sheet 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.

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. Because we cannot control the way these products may be used, or the conditions they may be exposed to, we can give no express guarantees in respect of these products or their performance. However certain guarantees may be implied by law. WATTYL NEW ZEALAND LTD