



Auto Enamel

Premium quality alkyd finish coat

5000 - line

Description

- High gloss enamel coating vehicles and industrial products

Properties

- High gloss and excellent gloss retention
- Superior exterior durability
- Range of colours

Typical Applications

- Motor vehicles, trucks, farm machinery, all steel fabrications

General Data

- Weather resistance Excellent
- Solvent resistance Resists splashes of hydrocarbon solvents; not recommended for continuous immersion
- Chemical resistance Fair
- Abrasion resistance Good
- Recommended primers Zinc Phosphate Primer, Rhinogrip[®] Etch Primer or Rapid Dry Primer White

Specifications (at 25°C and 50% relative humidity)

- Resin type..... Oil-modified Alkyd
- Solids content..... 40 - 45% (by volume)
- Typical film thickness (per coat)..... 25 microns (dry)
75microns (wet)
- Theoretical coverage..... 16 - 18m² / L @ 25 microns dry film thickness (dependant on colour)
- Touch dry..... 2 - 3 hours
- Hard dry..... 16 hours
- Recoating..... after 16 hours
- Gloss..... Full gloss
- Colours..... Extensive colour library and easy colour matching with Coloryte[®] Industrial Tint System
- Shelf life..... minimum 12 months (in cool, dry conditions)

Surface Preparation

- Bare steel surfaces should have rust and scale removed with abrasive paper or wire brush
- Wipe with clean solvent and rags to remove grease and any other residues
- Prime clean metal as recommended above, and sand primer before applying Auto Enamel

Mixing recommendation

- Mix the entire contents of the can before decanting
- Stir thoroughly with a broad paddle or mechanical mixer to ensure even consistency of the product
- Drying time may be accelerated by addition of Wagon Paints' Enamel Converter
Add 1 part Enamel Converter to 8 parts Auto Enamel by volume and mix thoroughly
- Thin up to 20% by volume with Wagon Paints' T4 Enamel Thinner and stir as above

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Application

- May be spray applied using airless or conventional air spray equipment
- Small areas may be coated by brush (using T5 Mineral Turpentine as thinner)
- **Airless Spray** nozzle size.....0.33 – 0.38 mm
nozzle pressure.....2000 – 2500 psi (14 - 17mPa)
volume of thinner.....up to 10%
- **Air Spray** nozzle size.....1.6 – 2.0 mm
nozzle pressure..... 45 – 60 psi (300 - 400kPa)
volume of thinner.....15 - 20%
- **Cleaning solvent** T4 Enamel Thinner or T12 Gunwash

Safety precautions

- **Refer to the relevant Material Safety Data Sheet**
- Contents are flammable – keep away from all ignition sources
- Avoid contact with skin and eyes – when mixing, wear gloves and goggles
- When spraying, ensure adequate ventilation and wear appropriate protective clothing and equipment

Packaging Group II **UN No. 1263**

Pack sizes 4 litre, 20 litre

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These technical data and recommendations are based on tests and information believed to be accurate at the time of printing. They should not be construed as containing any warranty, either expressed or implied. Users should conduct their own tests to determine final suitability of this product.



Wagon Paints

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