AGRICULTURAL ENAMEL

TM2.00

Description

- A premium quality acrylic modified alkyd gloss enamel.

Product Characteristics

- Excellent exterior durability.
- Excellent flow and application properties.
- Very high gloss off the gun.
- Hard wearing.
- May be readily touched up or recoated after overnight drying.
- Long open time, offers good overspray absorption for spraying large items.
- Designed for use on cranes, harvesters, tractors, truck bodies and large machinery.

Colours and Gloss

- White, AS2700 colours - gloss.
- Satin Black, Flat Black

Recommended Film Thickness (Per Coat)

	Minimum	Maximum	Typical
Dry film thickness (µm)	25	45	30
Wet film thickness (µm)	65	110	79
Theoretical spreading rate (m^2/l)	15.2	8.4	12.7

Basic Data at 25°C

Solids content approx.	38% by volume
Touch dry after	20-30 minutes (25µm dry) 45 minutes – 1 hour (45µm dry)
Dry to handle	4 hours (25µm dry) 6 hours (45µm dry)
Hard dry	Overnight
Recoat time	Within 4 hours or after 16 hours

Surface Preparation

PREVIOUS SUITABLE COAT

- Oil, grease and other surface contaminants should be removed from all surfaces in accordance with AS 1627.1 solvent cleaning.
- Mechanically sand with P220-240 grit sand paper.
- Substrate temperature must be at least 3°C above dew point.
- Relative humidity should not exceed 85% during application and before the dry to handle time.

MILD STEEL

- Remove all rust and any loose material by wire brush or mechanical sander.

NON-FERROUS METALS, STAINLESS STEEL, GALVANISED IRON, ZINCALUME® & COLORBOND®

- Abrade using Scotch-Brite® pad or wet and dry sandpaper.
- Do not use steel wool.
- Prime with Wattyl Super Etch® Primer.

Application Instructions

- Stir the components and mixed product well using a flat bladed or mechanical mixer.
- The temperature of the mixed product must be above 15°C, otherwise extra thinner may be required to obtain application viscosity.
- Thinning recommendations are given as a guide and may vary depending upon substrate temperature and weather conditions.
- Too much thinner will result in lower sag resistance, and slower cure.
- Adequate ventilation must be continuously maintained during application and curing.
- Use with Wattyl Dry Add Urethane Additive to improve hard drying properties, humidity, solvent and wrinkle resistance – refer to Product Data Sheet TM4.12 for further information.
- For recommendations outside those contained in this data sheet, refer to Wattyl.

Application Methods

	AIRLESS SPRAY	AIR SPRAY	BRUSH/ROLLER
Recommended thinner	Thinner L700	Thinner L700	Not recommended
Volume of thinner	0-15%	0-25%	Not recommended
Tip	0.33mm (0.013inch)	1.5-1.8mm (0.06-0.07 inch)	Not recommended
Fluid/ Atomised pressure	12 MPa (1700 psi)	0.3-0.4 MPa (50-60 psi)	

CLEANING SOLVENT | Thinner L700

- In warmer conditions, replace some or all of Thinner L700 with Thinner L703 (medium) or Mineral Turps (slow).

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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 safety data sheet (SDS).

Precautions

- For recommendations outside those contained in this data sheet, refer to Wattyl.

Product Compatibility

PRIMERS

- Super Etch Primer
- Colourthane Etch Primer
- All Purpose Primer
- Duranamel PR9

TOPCOATS

- Agricultural Enamel

Storage and Packaging

- Shelf life at least 12 months.
- All components shall be stored in a dry internal environment at between 5°C and 35°C.
- Packaging: 20 litre kit & 4 litre
- Product line: 1603.

For the most up to date information, please visit our website at www.wattylpc.com.au, or contact us at Australia 132 101 (Australia) 0800 825 7727 (New Zealand).

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