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300 R.D. ENAMEL

Rapid Dry Enamel

Description and uses

300 R.D. Enamel is a rapid drying industrial spraying enamel based on co-polymer alkyd resins, for the protection of metals in light industrial environments.

300 R.D. Enamel has the following features:

- Extremely fast drying and setup.
- Excellent recoating properties.
- High gloss and moderate exterior durability .

Typical areas of application are:

- Machinery, cabinets, furniture etc.
- Bridges, pylons, tanks etc.
- Electronic equipment housing.
- Earthmoving and materials handling equipment.

Technical Specifications

FINISH: High gloss.

THINNERS: T102 (or T124 for electrostatic application).

VOLUME SOLIDS: 35-40% depending on colour.

COVERAGE: Approximately 9-10 Square metres per litre (at a D.F.T. of 40 microns).

RECOMMENDED FILM THICKNESS: 40 microns dry.

APPLICATION: Conventional or airless spray.

DRYING AT 25°C: Touch dry 15 minutes

Recoat – 2 hours

Hard dry overnight



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APPLICATION DETAILS – PAINTING SYSTEMS			
D.F.T. um			
System 1	1 st Coat	50	210 Metalprime (thinner T102 or T104)
	2 nd Coat	40	300 R.D. Enamel (thinner T102)

D.F.T. um			
System 2	1 st Coat	5-10	258 Twin Pack Etch or 260 Key-Coat (thinner T166)
	2 nd Coat	40	300 R.D. Enamel (thinner T102)

APPLICATION DETAILS – SURFACE PREPARATION		
SUBSTRATE	DETAILS	RECOMMENDED SYSTEM
Steel	Power tool clean to AS1627.2 class 2 or abrasive blast clean to AS1627.4 Class 2	1
Aluminum and non-ferrous metals	Light abrasive blast or treat with 212 metal clean.	2

Note: All surfaces to be painted should be clean and free from dust, dirt, oil, grease etc. All surfaces must be free of moisture and topcoat not applied when the substrate temperature is below 5°C.

Application

Conventional spray: Thin approximately 20-25% with T102. Apply 2 coats wet on wet using 350-400 kPa atomizing pressure.

Airless spray: Thin approximately 50-10% with T102, apply at approximately 15 mPa atomizing pressure.

Clean up: T102 or Gun and Brush Wash.

Safety Instructions

Flammability: Highly flammable, avoid heat and sources of ignition. Container should be earthed when pouring.

Personal Protection: Avoid contact with skin or eyes, wear suitable clothing such as impervious overalls, PVC or neoprene gloves, and safety goggles. Wear an approved half-face respirator suitable for organic vapor, meeting AS1715/1716.

Engineering controls: Ensure ventilation is adequate. When spraying, ensure product is applied in a fully functional spray-booth. Keep containers closed when not in use. Do not use near ignition sources.

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