



RAPID DRY ENAMEL

PRODUCT DESCRIPTION

Commercial Performance Coatings Rapid Dry Enamel is a fast air-dry, spraying enamel based on a copolymer alkyd resin.

It is designed as a general purpose industrial enamel for use where speed of dry is important, and can be applied over most properly prepared surfaces, including metal, sheet steel, agricultural attachments, vehicle chassis, engines, cabinets and electrical switchboards.

Utilising the SELEMIX[®] universal tinter system, Commercial Performance Coatings Rapid Dry Enamel is available in a range of colours from the AS2700 and RAL Classic colour ranges as well as a range of gloss levels.

PRODUCTS

Rapid Dry Enamel Mixed Colour		RDE
Reducers	<i>Normal conditions</i>	AER20 Alkyd Enamel Reducer Normal
	<i>Hot conditions</i>	AER30 Alkyd Enamel Reducer Slow
Cleaners		971-9119 PROTEC [®] Metal Conditioner
		AA-6822 <i>Protec</i> Heavy Duty Wax & Grease Remover

SUBSTRATES & PREPARATION



Commercial Performance Coatings Rapid Dry Enamel can be applied over the following primers:

- EPS EtchPro, VIN Vinyl Etch, ZPH High Build Primer
- RUS Rustfighter, STR Structural Primer

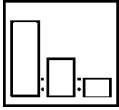


Surfaces showing heavy scale or surface rust should be treated with 971-9119 *Protec* Metal Conditioner. Heavily rusted surfaces should be abrasively blast cleaned.

Before and after any sanding operation, the substrate must be thoroughly degreased using AA-6822 *Protec* Heavy Duty Wax & Grease Remover to remove all traces of dirt, oil, grease, silicone, wax etc.

For other primer options please consult the PPG Commercial Performance Coatings Technical Team.

MIXING RATIO BY VOLUME



PRODUCT

RDE Mixed Colour

Reducer

UAE Urethane Additive

PARTS

100

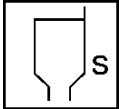
30 - 40%

100ml per 4L

****Optional****

NOTE - Addition of UAE Urethane Additive improves the time to hard dry in colder conditions, but slows the initial tack free time.

SPRAY VISCOSITY



16 - 20 seconds (DIN 4) at 25°C

SPRAYGUN



CONVENTIONAL, HVLP

SETUP

- GRAVITY 1.4 mm - 1.6 mm
- SUCTION 1.6 mm - 1.8 mm

SPRAY PRESSURE

- CONVENTIONAL 2.0 - 2.5 bar (200 - 300 kPa, 30 - 36 psi)
- HVLP / RP 2 - 3 bar

APPLICATION & FLASH OFF



Apply 2 - 3 wet, even coats

Allow 3 - 10 minutes flash off between coats at 25°C

DRYING TIMES



AIR DRY (25°C)

- DUST FREE: 5 minutes
- TOUCH DRY: 15 minutes
- DRY TO HANDLE: 1 hour
- HARD DRY: Overnight

Note: Drying times can vary dependent on temperature, flash off between coats, film builds and number of coats applied.

RECOAT



Recoating should not be attempted after 4 hours drying and before 72 hours drying, as the enamel is then in a sensitive dry stage and may react to overcoating. Recommendations are based on 25°C ambient temperature.

TOTAL DRY FILM BUILD

30 - 50 µm

TECHNICAL PARAMETERS

VOLUME SOLIDS (RFU)	23 - 33%, depending on colour
COVERAGE	7.7 - 16.5 metres squared per litre (m ² /L)
RESISTANCE PROPERTIES	
WEATHERING	Fair
ABRASION	Fair
SOLVENT	Poor
CHEMICAL	Poor
HEAT	Satisfactory up to 120°C Dry Heat
IMMERSION	Not recommended

EQUIPMENT CLEANING

After use, clean all equipment thoroughly with cleaning solvent or thinner.

HEALTH AND SAFETY

Please refer to Safety Data Sheets (SDS) for full Health and Safety details, as well as product can labels.

This product is for professional use only.
The information given in this sheet is for guidance only. Any person using the product without first making further inquiries as to the suitability of the product for the intended purpose does so at his or her own risk and we can accept no liability for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.
Drying times quoted are average times at 25°C/77°F. Film thickness, humidity and shop temperature can all affect drying times.

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