

8-553

2K POLYURETHANE MATT TOPCOAT EXTRA

PRODUCT DESCRIPTION

8-553 is a two component waterborne matt polyurethane enamel, suitable for steel surfaces exposed to weathering, mechanical and chemical stress both indoors and outdoors. It provides a matt film with good colour retention and excellent hardness. It is recommended for high quality finishes for industrial, construction and agricultural equipment and machinery.

SELECTION AND PREPARATION OF SUBSTRATES

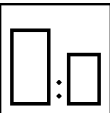
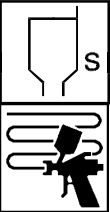


8-450 2K Epoxy Primer
8-850 1K Fast Dry Primer
Old paintwork

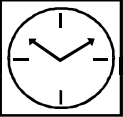

Wet on wet
or sand with P320-360

Degrease thoroughly prior to painting. All substrates should be free from any contamination such as oil, grease and rust.

APPLICATION GUIDE

	All colours		RAL 9006		
	Tinting Ratio <i>(By weight):</i>	Binder: 60 WB Tinters: 40	Binder: 75 WB Tinters: 25		
	AIRMIX		CONVENTIONAL		
	Mixing ratio (by weight):	Topcoat 8-553 1000 Hardener 9-560 150 Water 200-300	Topcoat 8-553 1000 Hardener 9-560 150 Water 200-300		
	Mixing ratio (by volume):	Topcoat 8-553 6 Hardener 9-560 1 Water 1 – 1.5	Topcoat 8-553 6 Hardener 9-560 1 Water 1 – 1.5		
	Pot life 20°C:	2-3 hours		2-3 hours	
Spray viscosity:	35-40 sec DIN 4 at 20°C		30-35 sec DIN 4 at 20°C		
Spray gun set up:	9 – 11		1.8 mm		
Spray pressure:	120 – 140 bar		2-3 bar		
Air cap pressure:	3 bar				
Number of coats:	1 light + 2 normal coats		2 normal coats		
Flash off between coats:	15 minutes at 20°C		15 minutes at 20°C		
Flash off before stoving:	30 minutes at 20°C		30 minutes at 20°C		

APPLICATION GUIDE

	Drying times at 60°C:	45 minutes
	Drying times at 20°C:-	
	Dust free:	20 minutes
	Touch free:	3-4 hours
	Handling:	5-6 hours
	Recommended thickness:	45-55 microns
	Recoat time:	min. 4 hours and max. 24 hours at 20°C without flatting

The drying times quoted are approximate times and will vary depending on drying conditions and film thickness. Poor ventilation, temperatures below 20°C, above 85% RH and excessive film thickness will extend the drying times.

TECHNICAL DATA

Theoretical coverage: 4.0 – 4.5 m²/l of paint ready to use for 50µm of thickness

Storage: STORE FREE FROM FROST ABOVE 4°C
Prolonged exposure to high temperatures or direct sources of heat should be avoided

HEALTH AND SAFETY

These products are for professional painting only, and are not to be used for purposes other than those specified. The information on this TDS is based on present scientific and technical knowledge, and it is the responsibility of the user to take all necessary steps in order to ensure the suitability of the product for the intended purpose. For Health and Safety information please refer to the material Safety Data Sheet, also available at: http://www.selemix.com/selemix_MSDS

For further information please contact:

Customer Service Sales Group
PPG Industries (UK) Ltd
Needham Road
Stowmarket
Suffolk IP14 2AD
Tel: 01449 771771
Fax: 01449 773472

