

8-552

2K POLYURETHANE EXTRA TOPCOAT

PRODUCT DESCRIPTION

8-552 is a two component waterborne glossy polyurethane enamel suitable for steel surfaces exposed to weathering, mechanical and chemical stress both indoors and outdoors. It provides good gloss, color retention and excellent hardness. It is recommended for high quality finishes in industrial and agricultural equipment and machines in compliant epoxy and polyurethane paint cycles.

SELECTION AND PREPARATION OF SUBSTRATES



8-450 2K Epoxy Primer
Old painting

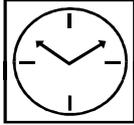
Wet on wet or
sand with P320-360

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

APPLICATION GUIDE

	All colours	RAL 9006
Tinting Ratio (By weight):	Binder: 60 WB Tinters: 40	Binder: 75 WB Tinters: 25
	AIRMIX	CONVENTIONAL
Mixing ratio (by weight):	Topcoat 8-552 1000 Hardener 9-560 200 Water 200-300	Topcoat 8-552 1000 Hardener 9-560 200 Water 200-300
Mixing ratio (by volume):	Topcoat 8-552 5 Hardener 9-560 1 Water 1 – 1,5	Topcoat 8-552 5 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:	11 – 13	1,6-1,8 mm
Spray pressure:	120 – 140 bar	2-3 bar
Air cup 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:	20 minutes at 20°C	20 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:

40-50 microns

Overcoat time:

min. 4 hours and max. 24 hours at 20°C without flattening

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

TECHNICAL DATA

Theoretical coverage: 4,5 – 5,5 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

