

# 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

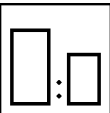
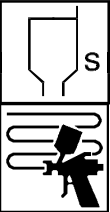
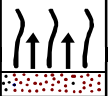


8-450 2K Epoxy Primer  
8-850 1K Fast Dry Primer  
Old paintwork

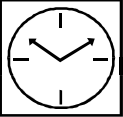

Wet on wet  
or sand with P320-360

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

## APPLICATION GUIDE

	<b>Drying times at 60°C:</b>	45 minutes
	<b>Drying times at 20°C:-</b>	
	<b>Dust free:</b>	20 minutes
	<b>Touch free:</b>	3-4 hours
	<b>Handling:</b>	5-6 hours
	<b>Recommended thickness:</b>	45-55 microns
	<b>Recoat time:</b>	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 m<sup>2</sup>/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](http://www.selemix.com/selemix_MSDS)

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