



TECHNICAL DATASHEET

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SELEMIX[®] 1K SYNTHETIC FAST DRY MATT TOPCOAT 7-611

PRODUCT DESCRIPTION

Selemix 7-611 1K Synthetic Fast Dry Matt Topcoat is a matt 1K synthetic alkyd finish for solid colours and single-layer metallic finishes. It can be combined with 7-610 Gloss Binder to give semi-gloss and semi-matt finishes.

It is compatible with Selemix Fast Dry primers, giving a durable paint system. It has a matt finish with good durability. Application can be by conventional or air-assisted airless spray. It is suitable for the coating of machinery, agricultural and construction equipment, and many other industrial painting applications where a matt finish is required.

PRODUCTS

7-611 Selemix Synthetic Fast Dry Matt Topcoat

NPxx Selemix NP Tinters

Thinners:

1-610 Synthetic Thinner
1-215 Nitrocellulose Thinner
1-205 Aromatic Free Thinner

Hardener (optional):

9-510 PU Hardener

SUBSTRATES AND PREPARATION



Painted Surfaces Polyurethane or Polyester Fillers	Machine sand with P320-400 discs and degrease
Selemix 1K primers : 7-810, 7-820, 3-080X, 5-8851	Refer to Primer TDS for recoat time
Steel (use a primer in corrosive environments)	Machine sand with P80-120 discs and degrease

Apply only on a clean and dry surface with a temperature above the dew point to avoid condensation. In confined spaces, provide adequate ventilation during application and drying.



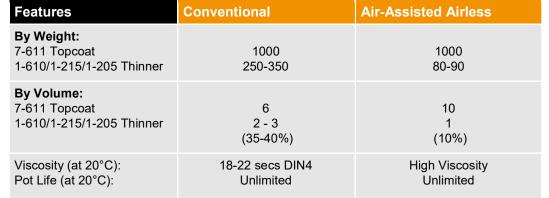




MIXING

Thoroughly mix paint before activating and check colour before use







APPLICATION



	Features	Conventional	Air-Assisted Airless	
	Spraygun setup:	Nozzle: Gravity: 1.3-1.4mm Suction: 1.6-1.8mm Pressure feed: 0.85-1.2mm	Nozzle: 9-11 thou 0.23-0.28mm	
	Air Pressure:	HVLP: 2 Bar Standard: 2-3 Bar	2.5 Bar	
	Fluid Pressure:	N/A	100-120 Bar	
	Number of coats:	2	2	
	Flash-off between coats:	10-15 mins	10-15 mins	
	Drying:	Air dry	Air dry	
	Wet Film Thickness:	120 microns	120 microns	
	Dry Film Thickness:	40-50 microns	40-50 microns	





DRYING TIMES



at 20°C

Dust Free: Touch Free: Tape Free: Handleable: Hard Dry: Overcoating time: 10-15 mins 1-2 hours 16 hours 4-5 hours 24-48 hours Minimum: 6 days

Maximum: 1 month by itself without sanding

With addition of 10% 9-510 Hardener Minimum: 1 day

Maximum: 3 days by itself without sanding

Lower temperature or film thickness higher than 50µm will extend drying times

TECHNICAL DATA

Based on ready-for-use mixed paint including thinner:

VOC (g/L): Solid content (weight): Solid content (volume):

Solvent content (weight): Specific gravity (Ready for use)

Theoretical coverage:

Gloss:

Note on Paint Mixing:

531-636 g/L (depending on colour and dilution)

39-57 % 27-38 % 43-61 % 1.10-1.26 Kg/L

5.3-7.6 m²/L at 50 microns DFT

Matt

When mixing colours, it is recommended that binders and toners are weighed out first and mixed well before the addition of driers





PRODUCT CODES AND DESCRIPTIONS

Selemix Code	Short Code	Product Description	Packsize	
1.776.1100/E3.6K	7-611	Synthetic Fast Dry Matt Topcoat	3.6	Kg
1.776.1100/E14.4K	7-611	Synthetic Fast Dry Matt Topcoat	14.4	Kg
1.911.5610/E5	1-610	Synthetic Thinner	5	Lt
1.921.3215/E5	1-215	Nitrocellulose Thinner	5	Lt
1.991.1205/E25	1-205	Aromatic-Free Thinner	25	Lt

HEALTH AND SAFETY

For comprehensive Health, Safety and Environmental advice, please refer to the relevant Material Safety Data Sheets and 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 enquiries as to the stability of the product for the intended purpose does so at his 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 our experience and our policy of continuous product development. Drying times quoted are average times at 20°C. Film thickness, humidity and shop temperature can all affect drying times.

FOR FURTHER INFORMATION PLEASE CONTACT:

Selemix Customer Service and Sales Group Needham Road Stowmarket, Suffolk IP14 2AD, England

Tel: 01449 771771

