

TECHNICAL DATASHEET

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SELEMIX® 2K ACRYLIC TOPCOAT 7-110

PRODUCT DESCRIPTION

Selemix 7-110 2K Acrylic Topcoat is a 2-pack Acrylic finish for solid colours and single-layer metallic finishes.

It is compatible with Selemix Epoxy and Polyurethane primers, giving a durable and hard wearing paint system. With the Selemix PUR Primer 2.705.0500, the same hardener and thinner can be used in both primer and topcoat, giving a very simple and efficient process. It has a high gloss finish with good durability and UV stability. 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 durable, high gloss finish is required.

PRODUCTS

7-110 *Selemix 2K Acrylic Topcoat*
 NPxx *Selemix NP Tinters*

Hardener:

9-080 Acrylic Hardener

Thinners:

1-430 Acrylic Thinner
 1-470 Slow Thinner

SUBSTRATES AND PREPARATION



Painted Surfaces,
 Polyurethane or
 Polyester Fillers

Machine sand with P320-400 discs and degrease



Selemix Epoxy Primers
 or PU Primers

Refer to Primer TDS for recoat time

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

	Features	Conventional	Air-Assisted Airless
	By Weight: 7-110 Topcoat 9-080 Hardener 1-430/1-470 Thinner	1000 500 100 - 150	1000 500 50 - 70
	By Volume: 7-110 Topcoat 9-080 Hardener 1-430/1-470 Thinner	5 3 0.7 – 1 (15-20%)	5 3 0.5 – 0.7 (10-15%)
	Viscosity (at 20°C): Pot Life (at 20°C):	16-18 secs DIN4 2 hours	18-24 secs DIN4 2 hours

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	80-100 Bar
	Number of coats:	2	2
	Flash-off between coats:	10 mins	10 mins
	Drying:	Air dry or bake at 60°C for 30-40 mins	Air dry or bake at 60°C for 30-40 mins
	Flash-off before bake:	10 mins	10 mins
	Wet Film Thickness:	100-125 microns	100-125 microns
	Dry Film Thickness:	40-50 microns	40-50 microns

DRYING TIMES



at 20°C

Dust Free:	10 mins
Touch Free:	1-2 hours
Tape Free:	6-12 hours
Handleable:	4-5 hours
Hard Dry:	24 hours or after bake
Overcoating time:	Minimum: when Hard Dry Maximum: 24 hours 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):	495-541 g/L (depending on colour and dilution)
Solid content (weight):	47-58 %
Solid content (volume):	37-42 %
Solvent content (weight):	42-53 %
Specific gravity (Ready for use)	1.01-1.17Kg/L
Theoretical coverage:	9-10 m ² /L at 40 microns DFT
Gloss:	High Gloss

PRODUCT CODES AND DESCRIPTIONS

Selemix Code	Short Code	Product Description	Packsize	
1.771.1000/E2.5K	7-110	Acrylic Topcoat	2.5	Kg
1.771.1000/E10K	7-110	Acrylic Topcoat	10	Kg
1.959.5080/E1	9-080	Acrylic Hardener	1	Lt
1.959.5080/E5	9-080	Acrylic Hardener	5	Lt
1.911.4430/E1	1-430	Acrylic Thinner	1	Lt
1.911.4430/E5	1-430	Acrylic Thinner	5	Lt
1.991.1470/E5	1-470	Slow Direct Thinner	5	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