

TECHNICAL DATASHEET

Issue date:
Feb 2020

SELEMIX® 2K ACRYLIC HIGH BUILD TOPCOAT 7-130

PRODUCT DESCRIPTION

Selemix 7-130 2K Acrylic High Build Topcoat is a 2-pack Acrylic finish for solid colours and single-layer metallic finishes. It contains a thixotropic agent which gives a high sag resistance. It is especially suitable for airless or air-assisted airless spray equipment, but can also be applied by conventional or HVLP spray.

It is compatible with Selemix Epoxy and Polyurethane primers, giving a durable and hard-wearing paint system. It gives a gloss finish with excellent durability and UV stability.

It is suitable for the coating of trailers, earthmoving, agricultural and construction equipment, and many other industrial painting applications where a high build, durable, gloss finish is required.

PRODUCTS

7-130 *Selemix 2K Acrylic High Build Topcoat*
 NPxx *Selemix NP Tinters*

Hardener:

9-090 Acrylic Accelerated 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: 7-130 Topcoat 9-090 Hardener 1-430/1-470 Thinner	1000 300 300-350	1000 300 250-300
	By Volume: 7-130 Topcoat 9-090 Hardener 1-430/1-470 Thinner	3 1 1-1.5 (30-50%)	3 1 0.5-1 (15-30%)
	Viscosity (at 20°C): Pot Life (at 20°C):	25-28 secs DIN4 2-3 hours	28-30 secs DIN4 2-3 hours

APPLICATION

	Features	Conventional	Air-Assisted Airless
	Spraygun setup:	Nozzle: Gravity: 1.5-1.6mm Suction: 1.8-2.0mm Pressure feed: 1.0-1.4mm	Nozzle: 9-11 thou 0.23-0.28mm
	Air Pressure:	HVLP: 2 Bar Standard: 2-3 Bar	2-4 Bar
	Fluid Pressure:	N/A	70-100 Bar
	Number of coats:	2	2
	Flash-off between coats:	5-10 mins	5-10 mins
	Drying:	Air dry or bake at 60°C for 40-50 mins	Air dry or bake at 60°C for 40-50 mins
	Flash-off before bake:	5-10 mins	5-10 mins
	Wet Film Thickness:	200-225 microns	170-200 microns
	Dry Film Thickness:	80-90 microns	80-100 microns

DRYING TIMES



at 20°C

Dust Free:	30 mins
Touch Free:	1-2 hours
Tape Free:	24 hours
Handleable:	24 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 100µm will extend drying times

TECHNICAL DATA

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

VOC (g/L):	388-486 g/L (depending on colour and dilution)
Solid content (weight):	55-61 %
Solid content (volume):	39-47 %
Solvent content (weight):	39-45 %
Specific gravity (Ready for use)	0.98-1.19 Kg/L
Theoretical coverage:	4.3-5.2 m ² /L at 90 microns DFT
Gloss:	Gloss

PRODUCT CODES AND DESCRIPTIONS

Selemix Code	Short Code	Product Description	Packsize	
1.771.3000/E14K	7-130	2K High Build Acrylic Topcoat	14	Kg
1.959.5090/E5	9-090	Acrylic Accelerated Hardener	5	Lt
1.911.4430/E1	1-430	Acrylic Thinner	1	Lt
1.911.4430/E5	1-430	Acrylic Thinner	5	Lt
1.911.4430/E25	1-430	Acrylic Thinner	25	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