

## TECHNICAL DATASHEET

Issue date:  
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# SELEMIX® 2K ACRYLIC UHS TOPCOAT 7-120

### PRODUCT DESCRIPTION

*Selemix* 7-120 2K Acrylic UHS Topcoat is a 2-pack Acrylic finish for solid colours and single-layer metallic finishes. It has a high solids and a low VOC.

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

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

### PRODUCTS

7-120	<i>Selemix</i> 2K Acrylic UHS Topcoat
NPxx	<i>Selemix</i> NP Tinters

**Hardeners:**

9-120	UHS Acrylic Fast Hardener
9-130	UHS Acrylic Extra Fast Hardener

**Thinner:**

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
	<i>Selemix</i> 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
	<b>By Weight:</b> 7-120 Topcoat 9-120 / 9-130 Hardener 1-430 / 1-470 Thinner	1000 500 100 - 150
	<b>By Volume:</b> 7-120 Topcoat 9-120 / 9-130 Hardener 1-430 / 1-470 Thinner	2 1 0.2 – 0.3 (10-15%)
	Viscosity (at 20°C): Pot Life (at 20°C):	20-23 secs DIN4 2 hours

## APPLICATION

	Features	Conventional
	Spraygun setup:  Air Pressure:  Fluid Pressure:	Nozzle: Gravity: 1.3-1.4mm Suction: 1.6-1.8mm Pressure feed: 0.85-1.2mm  HVLP: 2 Bar Standard: 2-3 Bar N/A
	Number of coats:  Flash-off between coats:	2 (1 light + 1 full coat)  15-20 mins
	Drying:  Flash-off before bake:  Wet Film Thickness:  Dry Film Thickness:	Air dry or bake at 60°C for 30-40 mins  10 mins  90-100 microns  50 microns

## DRYING TIMES



at 20°C

Dust Free:  
Touch Free:  
Tape Free:  
Handleable:  
Hard Dry:  
Overcoating Time

20 mins  
1-2 hours  
10-16 hours  
5-6 hours  
24 hours or after bake  
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):	404-421 g/L (depending on colour and dilution)
Solid content (weight):	59-63 %
Solid content (volume):	53-55 %
Solvent content (weight):	37-41 %
Specific gravity (Ready for use)	1.03-1.13 Kg/L
Theoretical coverage:	10-11 m <sup>2</sup> /L at 50 microns DFT
Gloss:	High Gloss

## PRODUCT CODES AND DESCRIPTIONS

Selemix Code	Short Code	Product Description	Packsize
1.771.2000/E3K	7-120	Acrylic UHS Topcoat	3 Kg
1.771.2000/E12K	7-120	Acrylic UHS Topcoat	12 Kg
1.959.5120/E5	9-120	UHS Acrylic Fast Hardener	5 Lt
1.959.5130/E5	9-130	UHS Acrylic Extra Fast 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