

## TECHNICAL DATASHEET

Issue date:  
Feb 2020

# 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                      *Selemix 2K Acrylic UHS Topcoat*  
 NPxx                     *Selemix NP Tinters*

### Hardeners:

9-120                     UHS Acrylic Fast Hardener  
 9-130                     UHS Acrylic Extra Fast 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
	<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):  
Solid content (weight):  
Solid content (volume):  
Solvent content (weight):  
Specific gravity (Ready for use)

Theoretical coverage:  
Gloss:

404-421 g/L (depending on colour and dilution)  
59-63 %  
53-55 %  
37-41 %  
1.03-1.13 Kg/L

10-11 m<sup>2</sup>/L at 50 microns DFT  
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

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## HEALTH AND SAFETY

For comprehensive Health, Safety and Environmental advice, please refer to the relevant Material Safety Data Sheets and Product can labels.

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## 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:

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