

TECHNICAL DATASHEET

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SELEMIX® 2K ACRYLIC HIGH SOLIDS TOPCOAT 7-140

PRODUCT DESCRIPTION

Selemix 7-140 2K Acrylic High Solids Topcoat is a 2-pack Acrylic finish for solid colours and single-layer metallic finishes. It has a high solids and a low VOC (<420g/L), and is suitable for application through conventional sprayguns, air-assisted airless spray equipment, and electrostatic spray equipment.

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 agricultural and construction equipment, and many other industrial painting applications where a high solids, highly durable, high gloss finish is required.

PRODUCTS

7-140 *Selemix 2K Acrylic High Solids Topcoat*
NPxx *Selemix NP Tinters*

Hardeners:

9-152 Slow Hardener for Acrylic
9-154 Medium Hardener for Acrylic
9-158 Fast Hardener for Acrylic

Thinners:

1-159 Reactive Thinner for Acrylic
1-160 Slow Reactive 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 and Air-Assisted Airless Spray
	By Weight: 7-140 Topcoat 9-15X Hardener 1-159 / 1-160 Thinner	1000 550 80-100
	By Volume: 7-140 Topcoat 9-15X Hardener 1-159 / 1-160 Thinner	5 3 0.5-0.6 (10-12%)
	Viscosity (at 20°C): Pot Life (at 20°C):	22-26 secs DIN4 60-90 mins

APPLICATION

	Features	Conventional	Air-Assisted Airless
	Spraygun setup: Air Pressure: Fluid Pressure:	Nozzle: Gravity: 1.3-1.4mm Suction: 1.6-1.8mm Pressure feed: 0.8-1.1mm 2-3 Bar N/A	Nozzle: 9-11 thou 2-3 Bar 80-100 Bar
	Number of coats: Flash-off between coats:	2 15 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 (60 microns WFT per coat) 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)

404-418 g/L (depending on colour and dilution)
 59-63 %
 53-55 %
 37-41 %
 1.03-1.13 Kg/L

Theoretical coverage:
 Gloss:

10.7-11.6 m²/L at 50 microns DFT
 High Gloss

PRODUCT CODES AND DESCRIPTIONS

Selemix Code	Short Code	Product Description	Packsize	
7-140/E3K	7-140	2K Acrylic High Solids Topcoat	3	Kg
7-140/12K	7-140	2K Acrylic High Solids Topcoat	12	Kg
9-152/E1	9-152	Slow Hardener For Acrylic	1	Lt
9-152/E5	9-152	Slow Hardener For Acrylic	5	Lt
9-154/E1	9-154	Medium Hardener For Acrylic	1	Lt
9-154/E5	9-154	Medium Hardener For Acrylic	5	Lt
9-158/E1	9-158	Fast Hardener For Acrylic	1	Lt
9-158/E5	9-158	Medium Hardener For Acrylic	5	Lt
1-159/E5	1-159	Reactive Thinner For Acrylic	5	Lt
1-160/E5	1-160	Slow Reactive Thinner For Acrylic	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:

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