

## TECHNICAL DATASHEET

Issue date:  
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# SELEMIX® BASECOAT 7-540

### PRODUCT DESCRIPTION

*Selemix* 7-540 Basecoat is a 2-pack Basecoat for metallic and solid colour finishes.

It provides a high quality metallic finish for industrial painting. It is designed to be overcoated with the *Selemix* Clearcoats (4-0015 / 4-0090) to provide a durable coating system. The product is easy to apply and fast drying. It is suitable for many industrial painting applications and provides enhanced colour capability and excellent metallic control.

The Basecoat can be used in 2 modes, with and without activating with 9-080 Hardener. Addition of 9-080 hardener will increase the mechanical durability of the basecoat and also improve application properties on large areas. It is also recommended for multicolour work.

### PRODUCTS

7-540                    *Selemix* Basecoat  
 NPxx                    *Selemix* NP Tinters

#### Hardeners:

9-080                    Acrylic Hardener

#### Thinners:

1-440                    Slow Thinner  
 1-470                    Slow Direct Thinner

### SUBSTRATES AND PREPARATION



Painted Surfaces  
 Polyurethane or Polyester  
 Fillers

Machine sand with P320-400 discs and degrease



*Selemix* Epoxy Primer 7-413

Only when fully cured after 16 hours air dry or baked.  
 Machine sand if required with P320-400 discs and degrease




*Selemix* PU Primer 4-050X  
 or Plastic Primer 7-502

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 Spray	Standard System	Large Surfaces and Multicolour Work
	<b>By Weight:</b> 7-540 Basecoat 9-080 Hardener 1-440 / 1-470 Thinner	1000 - not required 1000	1000 100 1000
	<b>By Volume:</b> 7-540 Basecoat 9-080 Hardener 1-440 / 1-470 Thinner	1 - not required 1 (100%)	9 1 10 (110%)
	Viscosity (at 20°C): Pot Life (at 20°C):	16-18 secs DIN4 Unlimited	16-18 secs DIN4 4 hours

## APPLICATION

Features	Conventional Spray
 Spraygun setup:	Nozzle: Gravity: 1.3-1.4mm Suction: 1.6-1.8mm Pressure feed: 0.85-1.2mm
Air Pressure:	HVLP: 2 Bar Standard: 2-3 Bar
Fluid Pressure:	N/A
 Number of coats:	2 Apply a control coat for metallic or effect finishes
Flash-off between coats:	5-10 mins
 Drying:	Air dry minimum 30 mins
Recoat:	If activating with 9-080 Hardener, 7-540 Basecoat must be recoated with Clearcoat within 24 hours If required, recoat with another 7-540 colour (activated with 9-080 Hardener) within 24 hours Recoat with Selemix Clearcoat to finish
Dry Film Thickness:	15-25 microns

## DRYING TIMES



at 20°C

Dust Free:	5-10 mins
Touch Free:	20-30 mins
Tape Free:	1-2 hours
Handleable:	30 mins
Hard Dry:	1-2 hours
Overcoating time:	Minimum: 30 mins or when fully matt Maximum: When activated with 9-080 hardener: 24 hours with itself or with Clearcoat

Lower temperature or film thickness higher than 25µm will extend drying times

## TECHNICAL DATA

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

VOC (g/L):	788-804g/L (depending on colour and dilution)
Solid content (weight):	17-20 %
Solid content (volume):	12-14 %
Solvent content (weight):	80-83 %
Specific gravity (Ready for use)	0.95-1.01 Kg/L
Theoretical coverage:	5.9-6.8 m <sup>2</sup> /L at 20 microns DFT
Gloss:	Matt (without Clearcoat)

## PRODUCT CODES AND DESCRIPTIONS

Selemix Code	Short Code	Product Description	Packsize	
7-540/E2.1K	7-540	Basecoat	2.1	Kg
1.959.5080/E1	9-080	Acrylic Hardener	1	Lt
1.959.5080/E5	9-080	Acrylic Hardener	5	Lt
1.959.5080/E25	9-080	Acrylic Hardener	25	Lt
1-440/E5	1-440	Slow 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:

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