

TECHNICAL DATASHEET

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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 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
	By Weight: 7-540 Basecoat 9-080 Hardener 1-440 / 1-470 Thinner	1000 - not required 1000	1000 100 1000
	By Volume: 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 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: 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 ² /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:

Selemix Customer Service and Sales Group
Needham Road
Stowmarket, Suffolk
IP14 2AD, England
Tel: 01449 771771