

TECHNICAL DATASHEET

Issue date:
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SELEMIX® POLYURETHANE PRIMER FOR PLASTICS 7-502

PRODUCT DESCRIPTION

Selemix 7-502 is a 2K Primer suitable for use with the following plastics:

ABS, Nylon (PA), PC, PC/ABS, ABS/PA, PVC, Compressed PVC, and PU/FG

If used with PP Thinner 1-402, the primer is also suitable for PP and PP/EPDM

Selemix Plastic Primer is designed to be combined with *Selemix System Tinters* to provide a wide colour range.

It can be recoated with 2K *Selemix* solventborne or waterborne topcoats (see details below).

PRODUCTS

7-502 *Selemix* Polyurethane Primer For Plastics
 NPxx *Selemix* NP Tinters

Hardeners:

9-080 Acrylic Hardener

Thinners:

1-402 PP Thinner
 1-480 Direct Thinner

SUBSTRATES AND PREPARATION



ABS, Nylon (PA), PC,
 PC/ABS, ABS/PA,
 PVC, Compressed PVC,
 PU/FG

Degrease with antistatic cleaner



PP, PP/EPDM

Clean with plastic cleaner and degrease with antistatic cleaner

Flame treating is not required but could be used.




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, only for: PP and PP/EPDM only	Conventional
	By Weight: 7-502 Primer (tinted) 9-080 Hardener 1-402 PP Thinner	1000 200 250-300
	By Volume: 7-502 Primer (tinted) 9-080 Hardener 1-402 PP Thinner	4 1 1 – 1.6 (25-40%)
	Viscosity (at 20°C): Pot Life (at 20°C):	17-19 secs DIN4 3-4 hours
	Features, only for: Other Plastics	Conventional
	By Weight: 7-502 Primer (tinted) 9-080 Hardener 1-480 Thinner	1000 200 250-300
	By Volume: 7-502 Primer (tinted) 9-080 Hardener 1-480 Thinner	4 1 1 – 1.6 (25-40%)
	Viscosity (at 20°C): Pot Life (at 20°C):	17-19 secs DIN4 3-4 hours

APPLICATION

	Features	Conventional
	Spraygun setup:	Nozzle: Gravity: 1.2-1.3mm Suction: 1.4-1.6mm Pressure feed: 0.85-1.0mm
	Air Pressure:	HVLP: 2 Bar Standard: 2.5-3 Bar
	Number of coats:	1
	Flash-off before recoat:	Minimum 30 mins
	Drying:	Air dry

DRYING TIMES

	Dust Free Handleable Hard Dry	5-10 mins 6 – 8 hours 24 hours
at 20°C	Stoving:	30 minutes @50°C (according to film thickness)
	Overcoating time:	Minimum: 15 mins Maximum: 24 hours without sanding on clean surface with 7-110, 7-512, 7-53X, 7-610, 7-540 or any Selemix Waterborne Topcoats
	Note:	Lower temperature or too high film thickness will extend drying times

TECHNICAL DATA

Based on ready-for-use mixed paint including thinner:	
VOC (g/L):	500-510 g/L (depending on colour and dilution)
Solid content (weight):	48-49 %
Solid content (volume):	29-30%
Solvent content (weight):	51-52%
Specific gravity (Ready for use)	0.98-1.00 Kg/L
Theoretical coverage:	14 m ² per litre for 20 microns DFT
Gloss:	Semi- Matt Finish

PRODUCT CODES AND DESCRIPTIONS

Selemix Code	Short Code	Product Description	Packsize	
7-502/E4.5K	7-502	2K PU Primer for Plastics	4.5	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
1.991.1480/E5	1-480	Direct PUR Thinner	5	Lt
1.991.1480/E25	1-480	Direct PUR Thinner	25	Lt
1.991.1480/E200	1-480	Direct PUR Thinner	200	Lt
1-402/E5	1-402	Thinner for Polypropylene	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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