

TECHNICAL DATASHEET

Issue date:
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SELEMIX® 2K EPOXY VINYL PRIMER 7-414

PRODUCT DESCRIPTION

Selemix 7-414 primer is a tintable Epoxy Vinyl Primer. It provides fast drying and may be used in a wet on wet system. It can be used over a wide range of substrates, and can be recoated without sanding even after a long period.

PRODUCTS

7-414 *Selemix 2K Epoxy Vinyl Primer*
 NPxx *Selemix NP Tinters*

Hardeners:

9-010 Epoxy Hardener
 9-011 Fast Epoxy Hardener

Thinners:

1-400 Slow Epoxy Thinner
 1-410 Epoxy Thinner

SUBSTRATES AND PREPARATION



Steel (Blast Cleaned)	Blast clean to ISO 8527-1 SA 2.5 with a blast profile of maximum 40 µm Rz. A first coat of 7-413 Epoxy Primer is recommended before spraying a second coat with 7-414.
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Steel/Cast Iron	Machine sand with P80-120 discs and degrease
Light Alloys	Machine sand with P280-320 discs and degrease
Phosphated Steel	Abrade with SCOTCHBRITE® and degrease
Painted Surfaces	Machine sand with P240-320 discs and degrease

Do not use over wash primers or 1K synthetic primers.




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
	By Weight: 7-414 Primer (tinted) 9-010 / 9-011 Hardener 1-410 / 1-400 Thinner	1000 100 400 - 500
	By Volume: 7-414 Primer (tinted) 9-010 / 9-011 Hardener 1-410 / 1-400 Thinner	9 1 4 – 5 (45-55%)
	Viscosity (at 20°C): Pot Life (at 20°C):	20-25 secs DIN4 8 - 10 hours

APPLICATION

	Features	Conventional
	Spraygun setup: Air Pressure:	Nozzle: Gravity: 1.6-1.8mm Suction: 1.8-2.0mm Pressure feed: 1.2-1.4mm HVLP: 2 Bar Standard: 2.5-3 Bar
	Number of coats: Flash-off between coats:	2 10-15 mins
	Drying: Flash-off before bake: Wet Film Thickness: Dry Film Thickness:	Air dry 2 hours or bake at 60°C for 30-45 mins 10-15 mins 150-200 microns 40-50 microns

DRYING TIMES



at 20°C

Dust Free
Handleable
Hard Dry

Stoving:

Overcoating time:

Note:

15-20 mins

2 – 3 hours

24 hours

30-45 minutes @60°C (according to film thickness)

Minimum: 2 hours

Maximum: 2 months without sanding on clean surface
with any 2K *Selemix* Topcoat

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:

636-659 g/L (depending on colour and dilution)

37-40 %

23-25 %

60-63 %

1.03-1.07 Kg/L

4.5-5 m² per litre at 50 microns DFT

Matt Finish

PRODUCT CODES AND DESCRIPTIONS

Selemix Code	Short Code	Product Description	Packsize	
1.774.1400/E4.25K	7-414	Epoxy Vinyl Primer	4.25	Kg
1.959.4010/E1	9-010	Epoxy Hardener	1	Lt
1.959.4010/E5	9-010	Epoxy Hardener	5	Lt
1.959.4011/E1	9-011	Fast Epoxy Hardener	1	Lt
1.959.4011/E5	9-011	Fast Epoxy Hardener	5	Lt
1.911.4400/E5	1-400	Slow Epoxy Thinner	5	Lt
1.911.4410/E1	1-410	Epoxy Thinner	1	Lt
1.911.4410/E5	1-410	Epoxy 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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