



TECHNICAL DATASHEET

Issue date: Feb 2020

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 Hardener9-011 Fast Epoxy Hardener

Thinners:

1-400 Slow Epoxy Thinner1-410 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.	
	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.

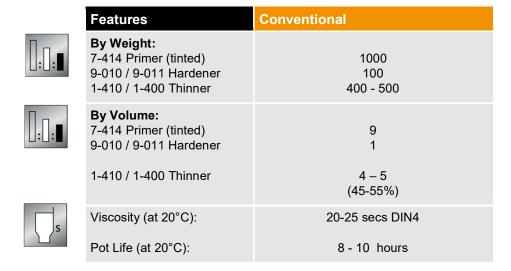






MIXING

Thoroughly mix paint before activating and check colour before use



APPLICATION

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





DRYING TIMES

at 20°C

Dust Free15-20 minsHandleable2 – 3 hoursHard Dry24 hours

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

Overcoating time: Minimum: 2 hours

Maximum: 2 months without sanding on clean surface

with any 2K Selemix Topcoat

Note: 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	Packs	ize
1.774.1400/E4.25K	7-414	Epoxy Vinyl Primer	4.25	Kg
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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