

TECHNICAL DATASHEET

SELEMIX® 2K WB ACRYLIC HIGH PERFORMANCE GLOSS TOPCOAT 8-114

PRODUCT DESCRIPTION

8-114 is a waterborne, acrylic topcoat, suitable for application to primed surfaces exposed to severe weathering, mechanical and chemical stress, for both interior and exterior use.

It provides high gloss, colour retention and excellent hardness; when combined with 8-111 intermediate gloss levels can also be achieved.

It is especially recommended for high quality finishes in industrial agricultural equipment and machinery.

PRODUCTS

8-114	<i>Selemix</i> 2K WB Acrylic High Performance Gloss Topcoat
8-111	<i>Selemix</i> 2K WB Acrylic Matt Topcoat
WBxx	<i>Selemix</i> Waterborne Tinters

Hardeners

9-114	WB Slow Hardener for Acrylic
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Thinner:

Water	Tap Water
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SUBSTRATES AND PREPARATION



Selemix 4-0495 2K Zinc Rich low VOC Epoxy primer.

Primer must be baked 45min at 60°C before topcoating



Any Selemix Waterborne 2K Primer

Recoat wet-on-wet (see primer TDS), or machine sand with P240-320 discs and degrease




Painted Surfaces

Machine sand with P240-320 discs and degrease




VERY IMPORTANT: Degrease thoroughly prior to painting. All substrates should be free from any supports contamination such as oil, grease and rust. 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 GUIDE

Thoroughly mix paint before activating and check colour before use.

	Features	Conventional Spray
	By Weight: 8-11x Topcoat 9-114 Hardener Water	1000 300 Thoroughly mix topcoat during 5 minutes and then add: 200 - 300
	By Volume: 8-11x Topcoat 9-114 Hardener Water	3 1 Thoroughly mix topcoat during 5 minutes and then add: 0.5-0.75
	Viscosity (at 20°C): Pot Life (at 20°C):	30-60 secs DIN4 3 hours

APPLICATION GUIDE

	Features	Conventional Spray
	Spraygun setup:	Nozzle: 1.4 - 1.6 mm Air Pressure: 2-3 Bar
	Number of coats: Flash-off between coats:	1 light coat + 1 normal coat 30 mins at 20°C
	Drying: Flash-off before bake: Wet Film Thickness: Dry Film Thickness:	60°C for 45 mins 45 mins minimum at 20°C 130-160 microns 50-70 microns

DRYING TIMES



Features	Conventional Spray
Dust Free	20 - 25 mins
Touch Free	5 - 6 hours
Handleable	8 - 9 hours
Hard Dry	24-36 hours
Stoving:	45 minutes @60°C
Overcoating time:	Minimum: 8 hours Maximum: 24 hours without sanding on clean surface with itself
Note:	Lower temperature or film thickness higher than 50µm will extend drying times. The drying times quoted are approximate times and will vary depending on drying conditions and film thickness. Poor ventilation, temperature below 20°C, humidity above 85% RH and excessive film thickness will extend the drying times

TECHNICAL DATA

Based on ready-for-use mixed paint including water:	
VOC (g/L):	79-105 g/L
Solid content (weight):	47-65 %
Solid content (volume):	43-54 %
Theoretical coverage:	8-11 m ² per litre at 50 microns DFT
Specific gravity (Ready for use)	1.09-1.31 Kg/L
Gloss:	High Gloss (to Matt Finish using 8-111)
Storage:	STORE FREE FROM FROST ABOVE 4°C. Prolonged exposure to high temperatures or direct sources of heat should be avoided

PRODUCT CODES AND DESCRIPTIONS

Selemix Code	Short Code	Product Description	Packsize	
8-114/E10K	8-114	Acrylic Single Stage High Gloss Topcoat	10	Kg
1.781.1100/E12K	8-111	Acrylic Single Stage Matt Topcoat	12	Kg
1.781.1100/E120K	8-111	Acrylic Single Stage Matt Topcoat	120	Kg
9-114/E5	9-114	Hardener for Acrylic	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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