

TECHNICAL DATASHEET

Issue date:
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SELEMIX[®] 1K SYNTHETIC PRIMER

GREY 2.708.0800
RED 2.708.0801

PRODUCT DESCRIPTION

Selemix 2.708.080x 1K primer is a fast drying synthetic anti-rust primer with good adhesion on bare steel. It can be recoated with all Selemix 1K Topcoats and 2K Polyurethane and Acrylic Topcoats. It is particularly recommended for agricultural and building site machinery, carpentry and items made of ferrous metal.

PRODUCTS

2.708.0800 *Selemix 1K Primer Grey*
2.708.0801 *Selemix 1K Primer Red*

Thinners:

1-610 Synthetic Thinner
1-215 Nitro Thinner
1-205 Aromatic Free Thinner

SUBSTRATES AND PREPARATION



Bare Steel

Machine sand with P80-120-150 discs and degrease



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 diluting

	Features	Conventional	Air-Assisted Airless
	By Weight: 2.708.080x Primer 1-610/1-215/1-205 Thinner	1000 0 - 50	1000 0
	By Volume: 2.708.080x Primer 1-610/1-215/1-205 Thinner	10 0 - 0,5 (0 to 5%)	10 0 (no thinner)
	Viscosity (at 20°C): Pot Life (at 20°C):	20-25 secs DIN4 unlimited	35-40 secs DIN4 unlimited

APPLICATION

	Features	Conventional	Air-Assisted Airless
	Spraygun setup:	Nozzle: Gravity: 1.4-1.8mm Suction: 1.6-1.8mm Pressure feed:1.0-1.2mm	Tip: 11 thou (0.28 mm)
	Air Pressure:	HVLP: 2 Bar Standard: 2.5-3 Bar	2.5 Bar
	Fluid Pressure:	N/A	70-100 Bar
	Number of coats:	2	2
	Flash-off between coats:	5-7 mins	5-7 mins
	Drying:	Air dry	Air dry
	Wet Film Thickness:	125-150µm	125-150µm
	Dry Film Thickness:	50-60 microns	50-60 microns

DRYING TIMES



at 20°C

Dust Free:	10-15 mins
Handleable:	30 – 60 mins
Hard Dry:	24 hours
Stoving:	Not recommended
Overcoating time:	Minimum: 1 hour Maximum: 1 month without sanding on clean surface with any 1K and 2K <i>Selemix</i> Topcoat except epoxies
Note:	Lower temperature or film thickness higher than 60µm will extend drying times

TECHNICAL DATA

Based on ready-for-use mixed paint including thinner:

VOC (g/L):	395-477 g/L (depending on dilution)
Solid content (weight):	62-69 %
Solid content (volume):	37-45 %
Solvent content (weight):	31-38 %
Specific gravity (Ready for use)	1.42-1.53 Kg/L
Theoretical coverage:	7.4-9 m ² per litre at 50 microns DFT
Gloss:	Matt Finish

PRODUCT CODES AND DESCRIPTIONS

Selemix Code	Short Code	Product Description	Packsize	
2.708.0800/E25K	3-800	1K Primer Light Grey	25	Kg
2.708.0801/E25K	3-801	1K Primer Red	25	Kg
1.911.5610/E5	1-610	Synthetic Thinner	5	Lt
1.921.3215/E1	1-215	Nitro Thinner	1	Lt
1.921.3215/E5	1-215	Nitro Thinner	5	Lt
1.991.1205/E25	1-205	Aromatic Free Thinner	25	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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