

TECHNICAL DATASHEET

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SELEMIX® 1K SYNTHETIC MICACEOUS IRON OXIDE TOPCOAT 7-620

PRODUCT DESCRIPTION

Selemix 7-620 1K Synthetic Micaceous Iron Oxide Topcoat is a finish using synthetic resins and lamellar pigments. It gives a metallic finish.

It provides adhesion directly to metal and is compatible with *Selemix* Fast Dry primers, giving a durable paint system.

It is suitable for the coating of machinery and railings where an antique style finish is required.

PRODUCTS

7-620	<i>Selemix</i> 1K Synthetic Micaceous Iron Oxide Topcoat
NPxx	<i>Selemix</i> NP Tinters

Thinners:

1-215	Nitrocellulose Thinner
1-205	Aromatic Free Thinner

SUBSTRATES AND PREPARATION



Selemix 1K Primers :
7-810, 7-820, 2.708.080X

Refer to Primer TDS for recoat time



Steel (use a primer in
corrosive environments)

Machine sand with P80-120 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 activating and check colour before use

	Features	Conventional
	By Weight: 7-620 Topcoat 1-215/1-205 Thinner	1000 200-300
	By Volume: 7-620 Topcoat 1-215/1-205 Thinner	7 2 - 3 (30-40%)
	Viscosity (at 20°C): Pot Life (at 20°C):	20-25 secs DIN4 Unlimited

APPLICATION

	Features	Conventional
	Spraygun setup: Air Pressure: Fluid Pressure:	Nozzle: Gravity: 1.6-1.8mm Suction: 1.8-2.0mm Pressure feed: 1.4mm HVLP: 2 Bar Standard: 2-3 Bar N/A
	Number of coats: Flash-off between coats:	2-3 5-10 mins
	Drying: Wet Film Thickness: Dry Film Thickness:	Air dry 120 microns 40-50 microns

DRYING TIMES



at 20°C

Dust Free:	10-15 mins
Touch Free:	1-2 hours
Tape Free:	16 hours
Handleable:	2-3 hours
Hard Dry:	24-48 hours
Overcoating time:	Minimum: 1 hour Maximum: 10 days by itself without sanding

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):	593-631 g/L (depending on colour and dilution)
Solid content (weight):	46-51 %
Solid content (volume):	27-31 %
Solvent content (weight):	49-54 %
Specific gravity (Ready for use)	1.15-1.25 Kg/L
Theoretical coverage:	5.4-6.1 m ² /L at 50 microns DFT
Gloss:	Semi-Gloss

PRODUCT CODES AND DESCRIPTIONS

Selemix Code	Short Code	Product Description	Packsize	
1.776.2000/E4.75K	7-620	1K Synthetic Micaceous Iron Oxide Topcoat	4.7 5	Kg
1.776.2000/E19K	7-620	1K Synthetic Micaceous Iron Oxide Topcoat	19	Kg
1.921.3215/E1	1-215	Nitrocellulose Thinner	1	Lt
1.921.3215/E5	1-215	Nitrocellulose 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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