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561

TECHNICAL DATASHEET

Issue date:
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SELEMIX® 1K SYNTHETIC EXTRA FAST DRY PRIMER
7-820

PRODUCT DESCRIPTION

Selemix 7-820 1K Synthetic Extra Fast Dry Primer is a fast drying synthetic primer with high filling and good anticorrosion properties.

It is intended to protect ferrous substrates and can be used over previously painted surfaces.

When used with Selemix Fast Dry Topcoats, this provides a fast and simple process. It is suitable for the finishing and protection of machinery, agricultural and construction equipment, and many other industrial painting applications.

PRODUCTS

7-820	*Selemix* Synthetic Extra Fast Dry Primer
NPxx	*Selemix* NP Tinters

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
Phosphated Steel	Abrade with SCOTCHBRITE® and degrease
Painted Surfaces Polyurethane or Polyester Fillers	Machine sand with P320-400 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: 7-820 Tinted Primer 1-610/1-215/1-205 Thinner	 1000 300 - 400	 1000 75-100
By Volume: 7-820 Tinted Primer 1-610/1-215/1-205 Thinner	 4 2-2.5 (50 to 60%)	 10 1 (10%)
Viscosity (at 20°C): Pot Life (at 20°C):	20-30 secs DIN4 unlimited	thixotropic unlimited

APPLICATION

Features	Conventional	Air-Assisted Airless
Spraygun setup: Air Pressure: Fluid 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 N/A	Tip: 11-15 thou (0.28-0.38 mm) 2.5 Bar 120-140 Bar
Number of coats: Flash-off between coats:	2 10-15 mins	2 10-15 mins
Drying: Wet Film Thickness: Dry Film Thickness:	Air dry 100-125 µm 35-50 microns	Air dry 100-125 µm 35-50 microns

DRYING TIMES



at 20°C

Dust Free	10-15 mins
Handleable	40 – 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 *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):	510-625 g/L (depending on colour and dilution)
Solid content (weight):	46-59 %
Solid content (volume):	29-42 %
Solvent content (weight):	41-54 %
Specific gravity (Ready for use)	1.17-1.27 Kg/L
Theoretical coverage:	5.7-8.4 m² per litre at 50 microns DFT
Gloss:	Matt Finish

PRODUCT CODES AND DESCRIPTIONS

Selemix Code	Short Code	Product Description	Packsize	
1.778.2000/E4.25K	7-820	Synthetic Extra Fast Dry Primer	4.25	Kg
1.778.2000/E17K	7-820	Synthetic Extra Fast Dry Primer	17	Kg
1.911.5610/E5	1-610	Synthetic Thinner	5	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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