

TECHNICAL DATASHEET

Issue date:
April 2020

SELEMIX® 1K ZINC PHOSPHATE SYNTHETIC ANTI-RUST PRIMER YELLOW 3-0900

PRODUCT DESCRIPTION

3-0900 *Selemix* primer is a 1K zinc phosphate-based synthetic rust inhibitor primer with anticorrosive pigments. It features high corrosion resistance and excellent adhesion to ferrous substrate. It is recommended for agricultural and building site machinery, carpentry and items made of ferrous metal.

PRODUCTS

3-0900 *Selemix* 1K Zinc Phosphate Synthetic Anti-Rust Primer Yellow

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
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Cast Iron	Machine sand with P80-120-150 discs and degrease
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Phosphated Steel	Abrade with SCOTCHBRITE® and degrease
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Painted Surfaces Polyurethane or Polyester Fillers	Machine sand with P320-400 discs and degrease
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
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
 <p>By Weight: 3-0900 Primer 1-610/1-215/1-205 Thinner</p>	1000 200 - 300	1000 100-200
 <p>By Volume: 3-0900 Primer 1-610/1-215/1-205 Thinner</p>	4 1 – 1.6 (25 to 40%)	4 0.5 – 1 (10 to 25%)
 <p>Viscosity (at 20°C): Pot Life (at 20°C):</p>	20-25 secs DIN4 Unlimited	35-40 secs DIN4 Unlimited

APPLICATION

Features	Conventional	Air-Assisted Airless
 <p>Spraygun setup:</p>	Nozzle: Gravity: 1.6-1.8mm Suction: 1.8-2.0mm Pressure feed: 1.2-1.4mm	Tip: 11-13 thou (0.28-0.33 mm)
Air Pressure:	HVLP: 2 Bar Standard: 2.5-3 Bar	2.5 Bar
Fluid Pressure:	N/A	90-120 Bar
 <p>Number of coats: Flash-off between coats:</p>	2 5-10 mins	2 5-10 mins
 <p>Drying: Wet Film Thickness: Dry Film Thickness:</p>	Air dry 125-150µm 40-60 microns	Air dry 125-150µm 40-60 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 <i>Selemix</i> Topcoat
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):	516-591 g/L (depending on dilution)
Solid content (weight):	51-60 %
Solid content (volume):	31-40 %
Solvent content (weight):	39-47 %
Specific gravity (Ready for use)	1.24-1.31 Kg/L
Theoretical coverage:	7.1 m ² per litre at 50 microns DFT
Gloss:	Matt Finish

PRODUCT CODES AND DESCRIPTIONS

Selemix Code	Short Code	Product Description	Packsize	
3-0900/E25K	3-0900	1K Zinc Phosphate Synthetic Anti-Rust Primer Yellow	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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