

TECHNICAL DATASHEET

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SELEMIX® 1K NITROSYNTHETIC PRIMER - GREY 3-0700

PRODUCT DESCRIPTION

3-0700 *Selemix* 1K Nitrosynthetic Primer is an anti-rust primer with good adhesion on bare steel. It is a particularly fast drying primer with good filling performances. It is recommended for agricultural and building site machinery, carpentry and items made of ferrous metal.

PRODUCTS

3-0700 *Selemix* 1K Nitrosynthetic Primer Grey

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

Cast Iron

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
 <p>By Weight: 3-0700 Primer 1-610/1-215/1-205 Thinner</p>	1000 200 - 250	1000 100-150
 <p>By Volume: 3-0700 Primer 1-610/1-215/1-205 Thinner</p>	4 1 – 1.5 (25 to 35%)	4 0.5 - 1 (10 to 25%)
 <p>Viscosity (at 20°C):</p>	20-25 secs DIN4	35-40 secs DIN4
<p>Pot Life (at 20°C):</p>	unlimited	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)
<p>Air Pressure:</p>	HVLP: 2 Bar Standard: 2.5-3 Bar	2.5 Bar
<p>Fluid Pressure:</p>	N/A	90-120 Bar
 <p>Number of coats:</p>	2	2
<p>Flash-off between coats:</p>	5-10 mins	5-10 mins
 <p>Drying:</p>	Air dry	Air dry
<p>Wet Film Thickness:</p>	125-150µm	125-150µm
<p>Dry Film Thickness:</p>	40-60 microns	40-60 microns

DRYING TIMES



at 20°C

Dust Free
Handleable
Hard Dry

Stoving:

Overcoating time:

Note:

10-15 mins
20 – 60 mins
24 hours

Not recommended

Minimum: 1 hour
Maximum: 1 month without sanding on clean surface
with any 1K *Selemix* Topcoat

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):

Solid content (weight):

Solid content (volume):

Solvent content (weight):

Specific gravity (Ready for use)

Theoretical coverage:

Gloss:

515-585 g/L (depending on dilution)

55-63%

33-40%

37-45%

1.30-1.39 Kg/L

7.3 m² per litre at 50 microns DFT

Matt Finish

PRODUCT CODES AND DESCRIPTIONS

Selemix Code	Short Code	Product Description	Packsize	
3-0700/E5K	3-0700	1K Nitrosynthetic Primer Grey	5	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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