



TECHNICAL DATASHEET

Issue date: May 2021

SELEMIX[®] 1K FAST DRY SYNTHETIC DIRECT TOPCOAT - SEMI GLOSS 7-870

PRODUCT DESCRIPTION

7-870 *Selemix* 1K Fast Dry Synthetic Direct Topcoat is a 1K semi-gloss finish that is intended to be applied directly to a metal substrate. It has fast drying and good anticorrosion properties.

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

This product provides a fast and simple process for the finishing and protection of machinery, agricultural and construction equipment, and many other industrial painting applications.

PRODUCTS

7-870 Selemix Fast Dry Synthetic Direct Topcoat – Semi Gloss

NPxx Selemix NP Tinters

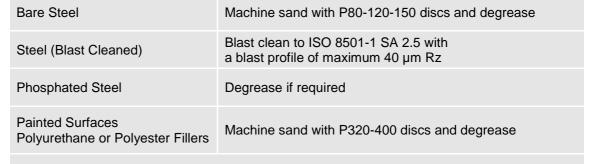
Thinners:

1-215 Nitro Thinner

1-470 Slow Direct Thinner

SUBSTRATES AND PREPARATION





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: 7-870 Tinted Topcoat 1-215 / 1-470 Thinner | 1000 150 | 1000 75-150 |
| By Volume: 7-820 Tinted Topcoat | 5 | 5 |
| 1-215 / 1-470 Thinner | 1 (20%) | 0.5-1 (10-20%) |
| Viscosity (at 20°C): | 25-30 secs DIN4 | 30-50 secs DIN4 |
| Pot Life (at 20°C): | unlimited | unlimited |





| Features | Conventional | Air-Assisted Airless |
|--------------------------|--|-----------------------------------|
| Spraygun setup: | Nozzle: Gravity: 1.6-2.0mm 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 | 100-140 Bar |
| Number of coats: | 2-3 | 2 |
| Flash-off between coats: | 10-15 mins | 10-15 mins |
| Drying: | Air dry | Air dry |
| Wet Film Thickness: | 120-200 μm | 120-200 μm |
| Dry Film Thickness: | 50-80 microns | 50-80 microns |







DRYING TIMES



at 20°C

Dust Free 10-15 mins
Touch Free 40-60 minutes
Tape Free 12-16 hours
Handleable 2-4 hours
Hard Dry 16 hours

Stoving: Not recommended

Overcoating time: Minimum: 24 hours

Maximum: 1 month without sanding on clean surface

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):

Solid content (weight):
Solid content (volume):
Solvent content (weight):

Specific gravity (Ready for use)

Theoretical coverage:

Gloss:

526-554 g/L (depending on colour and dilution)

46-55 % 35-40 % 45-54 % 1.02-1.16 Kg/L

7-8 m² per litre at 50 microns DFT

Semi-Gloss Finish





PRODUCT CODES AND DESCRIPTIONS

| Selemix Code | Short Code | Product Description | | Packsize | |
|---------------|------------|---|------|----------|--|
| 7-870/E4.25K | 7-870 | 1K Fast Dry Synthetic Direct Topcoat – Semi Gloss | 4.25 | Kg | |
| 7-870/E17K | 7-870 | 1K Fast Dry Synthetic Direct Topcoat – Semi Gloss | 17 | Kg | |
| 1.921.3215/E1 | 1-215 | Nitro Thinner | 1 | Lt | |
| 1.921.3215/E5 | 1-215 | Nitro Thinner | 5 | Lt | |
| 1.991.1470/E5 | 1-470 | Slow Direct Thinner | 5 | 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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