



Technical Data Sheet

NM Försegling 62 F Tix

Utg: 2018-01-22

Ers: 2018-01-22

Rev: 2021-10-22

General Description

NM Försegling 62 F Tix is a solvent-free sealing epoxy that meets the requirements of TDOK 2013: 0531 v1.0 and previous requirements.

Application

NM Försegling 62 F Tix is intended to be used for edge sealing and sealing layer on steel with protruding details.

Surface Preparation

Concrete surfaces to be coated with the **NM Försegling 62 F Tix** should be blasted or sanded and free from dust, oil and chemicals. Steel surfaces must be coated with **NM Stålprimer 270** after blasting.

Application

NM Försegling 62 F Tix is applied by brush or roller.

Consumption for concrete sealing:

At least 0,550 kg / m² in two equally thick layers.

For more information, see TDOK 2013: 0531 v1.0.

Typical Properties

Resin NM Försegling 62 FA Tix
Hardener NM Härdare 62 FB

Mixing ratio

Resin – Hardener 100 – 33 by weight

Colour: Black
Lowest curing temp.: +8°C on the surface.
Surface temperature should be at least 3°C above dew point for the surrounding air.

NM Försegling 62 FA

Density at 20°C 1117 kg/m³ *^A
Viscosity at 23°C: 240 mPa·s *^A

NM Härdare 62 FB

Density vid 20°C 1021 kg/m³ *^A
Viscosity 62 FB vid 23°C: 420 mPa·s *^A

*^A CoA obtained at delivery.

This includes IR Spectrophotometric analysis

Typical properties for mixed and cured material

Viscosity at 12°C: 1000 mPa·s
Pot-life: 27 minutes

Hardness (Curing time)
7 days, 23°C, 50% RH: Final hardness 98 = 100%
Hardness (Curing time)
18 h, 23°C, 50% RH: Hardness 74 = 76%
Hardness (Curing time)
40 h, 12°C, 85% RH: Hardness 73 = 74%

Ash content: < 0.1 weight-%
Non-volatiles: 98.0 weight-%
Extractable components: 8.2%
Water resistance: No disturbances
Water absorption: 2.2 weight-%

Adhesion between sealer and mastic asphalt: 1.5 MPa

Flaw detection: > 100 GΩ

Thermal load with silicone oil: No damage

Thermal load during welding procedure: No damage
Adhesion: 4.3 N/mm² *

Resistance to frost and thaw cycles: The sealing is tight.
Adhesion: 3.1 N/mm²

Resistance on new concrete: The sealing is tight.
Adhesion: 5.11 N/mm²

Normal packing: 7,980 kg

Cleaning solvent: Acetone

*Breakage in joint. This kind of breakage means that the adhesion between sealer and concrete is higher than the measured values.

For requirements values, see TDOK 2013:0531 v1.0

Note

Quality assurance:

In order to assure the quality of application, we have a form where important information is documented. The form is available from Nils Malmgren AB, telephone +46 303 936 10

Disclaimer

This product's technical specifications are developed by experience in field and laboratory by us. Fully cured will take place at seven days at +23°C and 50 % RF.

We reserve the right to change products as well as data. Current data sheets are available at our website and with us. We cannot assume responsibility for use in areas that we do not know. The user shall always evaluate products for their intended use and we guarantee only the material properties. For every product we offer reference objects separately.

NILS MALMGREN AB

P.O Box 2039
S-442 02 YTTERBY

Phone: +46 303-936 10

Quality certified since 1990

E-mail: info@nilsmalmgren.se
Home site: www.nilsmalmgren.se