



# Technical Data Sheet

## NM Försegling 62 F

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### General Description

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

### Application

**NM Försegling 62 F** is intended for use under mastic asphalt or polymer-bitumen mats.

**NM Försegling 62 F** can be filled with quartz sand for the production of filling, drainage layers or used as primer.

### Surface Preparation

Concrete surfaces to be coated with the **NM Försegling 62 F** 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** is applied by brush or roller.

#### Consumption for concrete sealing:

At least 1.0 kg / m<sup>2</sup> in two equally thick layers.

First layer is sprinkled with quartz sand, 0.5-2 mm.

#### Consumption for waterproofing of steel:

On the surface, that is earlier primed with **NM Stålprimer 270**, at least 500 microns of **NM Försegling 62 F** is applied.

The layer is sprinkled with 0.75 kg / m<sup>2</sup> quartz sand, 0.5-2 mm.

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

## Typical Properties

**Resin** NM Försegling 62 FA  
**Hardener** NM Härdare 62 FB

### Mixing ratio

Resin – Hardener 100 – 33 by weight

**Colour:** Clear  
**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/m<sup>3</sup> \*A  
**Viscosity at 23°C:** 240 mPa·s \*A

### NM Härdare 62 FB

**Density vid 20°C** 1021 kg/m<sup>3</sup> \*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/mm<sup>2</sup> \*

**Resistance to frost and thaw cycles:** The sealing is tight.  
Adhesion: 3.1 N/mm<sup>2</sup>

**Resistance on new concrete:** The sealing is tight.  
Adhesion: 5.11 N/mm<sup>2</sup>

**Normal packing:** 19.950 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.

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