



# Technical Data Sheet

## NM Fuktspärr FS 023

Utg: 1994-06-20

Ers: 2011-04-01

Rev: 2021-10-22

### General Description

**NM Fuktspärr FS 023** is a solvent free epoxy, optimized to act as a DAE-barrier. This means that it will act as a barrier towards Damp, Alkali and Emissions.

**NM Fuktspärr FS 023** is the top-layer in our system to do completely damp proof layers on wet or humid concrete surfaces.

After curing, **NM Fuktspärr FS 023** can be covered with impermeable materials such as PVC, linoleum, and hard wearing top coats like epoxy, polyurethane and acrylics without risk of subsequent moisture damage.

### Surface Preparation

Concrete surfaces must be at least 14 days old. Remove oil, grease and wax contaminants by scrubbing with industrial grade detergent or degreasing agents followed by mechanical cleaning. Cement laitance, loose particles, mould release agents, curing membrane and other contaminants must be removed from the surface by shot-blasting, scarifying or grit-blasting followed by vacuum cleaning.

After pre-treatments, the surface tensile strength must be at least 1.5 MPa (check with an approved pull-off tester).

### Application

**NM Fuktspärr FS 023** is applied with at least 200 g/m<sup>2</sup> with roller on top of the previous **NM Grundering BP 50 Super** coated concrete.

See Working instructions for details.

Installation of **NM Fuktspärr FS 023** may only be performed by a contractor authorized by Nils Malmgren AB. For detailed information and references, please contact Nils Malmgren AB.

## Typical Properties

**Resin** NM Fuktspärr FS 023  
**Hardener** NM Härdare 007

### Mixing ratio

Resin – Hardener 100 – 55 by weight

*Density 20°C:* 1094 kg/m<sup>3</sup>

*Viscosity 25°C:* 0.5 Pa·s

*Potlife 100g 20°C:* 40 min

*Application and curing temperature:* Min. +10°C  
Max. +35°C

*Normal packing:* 7.75 kg

*Cleaning solvent:* Acetone

## Curing time

	<b>10°C</b>	<b>20°C</b>
Light foot traffic	36 hours	18 hours
Normal traffic	6 days	3 days
Fully cured	14 days	7 days

## 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.