



Technical Data Sheet

NM Grundering 560

Utg: 2000-05-18

Ers: 2011-03-31

Rev: 2021-10-25

General Description

NM Grundering 560 is an epoxy based solvent free, primer for concrete, tiles and bitumen.

Application areas

The adhesion to concrete and tiles is absolute, even under hard conditions as moisture and low temperature. Absolute adhesion means cohesion failure in the substrate.

NM Grundering 560 can be applied to concrete with a RH up to 100%. Further treatment shall be done as soon as possible and always within seven days.

NM Grundering 560 gives a glossy surface and in some cases it can be suitable to sprinkle quartz sand on the surface right after application.

NM Grundering 560 has a tendency to become yellow and should not be used as lacquer.

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).

NM Grundering 560 shall not be diluted.

Application

NM Grundering 560 is applied by brush, roller or squeegee.

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Quality certified since 1990

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Typical Properties

Resin	NM Grundering 560 A
Hardener	NM Härdare 560 B
Mixing ratio	
Resin – Hardener	100 – 60 by weight
<i>Density:</i>	1071 kg/m ³
<i>Viscosity:</i>	0.9 Pa·s
<i>Potlife 100g 20°C:</i>	32 min
<i>Dry content:</i>	100%
<i>Tensile strength:</i>	60 MPa
<i>Flexural strength:</i>	106 MPa
<i>Water vapour diffusion at 150µ layer:</i>	6.5·10 ⁴ s/m
<i>T_G:</i>	60°C / 140°F
<i>Open time +20°C / 68°F:</i>	~ 3 hours
<i>Application and curing temperature:</i>	Min. +5°C Max. +35°C
<i>Colour:</i>	Transparent
<i>Consumption:</i>	~ 0.150 kg/m ²
<i>Normal packing:</i>	0.8 kg 8.0 kg
<i>Cleaning solvent:</i>	Acetone

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.