

NM Flex 8000 is a solvent free self-levelling membrane, based on an internal plasticized epoxy. NM Flex 8000 is intended to be used as a membrane for overbridging of cracks under an epoxycoating, for example concretebridges. The ability of overbridging of cracks is due to the thickness of the membrane. The thickness should not fall below 1.5 mm i e 2 kg/m².

NM Flex 8000 has an elongation at +20°C on approx. 100% and at -20°C approx. 30%.

Surfaces that will be covered with NM Flex 8000 need to be as even as possible on the surfaceprofil so that the membrane gets a continuous thickness. Before treatment the concretesurface must be sand-blasted and primed with NM BP 50 S. Even can be made with NM Epoxy Resin 948 / NM Hardener 957 with adding of quartzsand. For vertical substrates, NM Flex 8000 can be thoxotropated with 4% NM Tix 150.

After approx. 24 hours, when the surface can be entered upon, one layer of glass fibric are laminated on top of NM Flex 8000. Suitable system would be NM Epoxy Resin 948 with hardener 957. The top-layer, normally NM Floor 100 UP, can be applicted after 24 hours.

Typical applications

- Membrane for overbridging of cracks under an epoxycoating

Typical properties

Resin:

NM Flex 8000

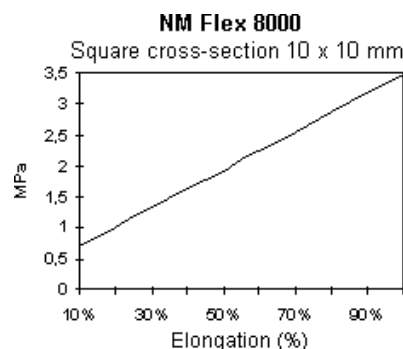
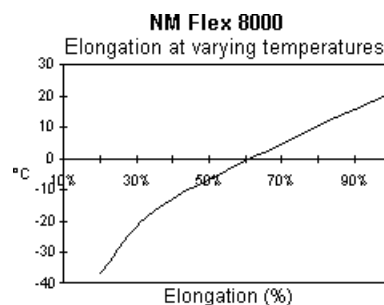
Hardener:

NM Härdare 348

Mixing ratio:

Resin-Hardener 100-62.5 by weight

<i>Density:</i>	1252 kg/m ³
<i>Potlife 100 grams 20°C:</i>	60 minutes
<i>Viscosity:</i>	3 Pa·s
<i>Hardness Shore D:</i>	50
<i>Tensile strength:</i>	4 MPa
<i>Flexibility at +20°C:</i>	See the diagram
<i>Tear resistance DIN 53515:</i>	14 N/mm
<i>Minimum curing temp:</i>	+ 12°C
<i>Consumption:</i>	Minimum 2 kg/m ² (1.5 mm)
<i>Normal packing:</i>	4.8 + 3.0 = 7.8 kg
<i>Cleaning solvent:</i>	Acetone



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