



Technical Data Sheet

NM Spackel 205

Utg: 1994-09-19

Ers: 2017-12-18

Rev: 2021-10-25

General Description

NM Spackel 205 is a two-component solvent free epoxy-putty.

The putty is initially a fluid. After mixing with the hardener, **NM Härdare 207**, a highly thixotropic putty is formed that will not run on vertical surfaces.

Application areas

NM Spackel 205 has no tendencies to run or sag. Due to this NM Spackel can be applied in thick layers even in ceilings. The adhesion is very good to most substrates apart from non-rigid plastics.

NM Spackel 205 is easy to work with and usually used to repair concrete constructions, sealing of cracks, sheet damages, plastic boats and similar.

Since **NM Spackel 205** has the ability to attach to many different materials it is also suitable for attaching objects to concrete. Objects like scantlings, frames, tiles, injection nipples and machine stands.

Other areas where **NM Spackel 205** is used is floor filling, bonding wells to bridges, and fastening of bolts to concrete or rock.

Surface Preparation

Remove oil, grease and wax contaminants by scrubbing with industrial grade detergent or degreasing agents followed by mechanical cleaning.

Application

NM Spackel 205 should not be applied in very thin layers at low temperatures and high humidity due to the risk of carbonization throughout the entire layer.

NM Spackel 205 should not be treated further without first grinding the putty-surface.

Chemical resistance

For a complete list, contact Nils Malmgren AB.

Evaluation by:

- Not recommended
- + Will do for a short period of time
- ++ No problems

Petrol/Gasoline.....	++
Ethanol, 50 %	++
Motor oil	++
Sodium hydroxide, 10 %	++
Hydrochloric acid, 10 %	+
Water	++

Typical Properties

Resin	NM Spackel 205
Hardener	NM Härdare 207
Mixing ratio	
Resin – Hardener	100 – 15 by weight
<i>Density:</i>	1680 kg/m ³
<i>Viscosity:</i>	Thixotropic
<i>Pot life 100g 20°C:</i>	30 min
<i>Compressive strength:</i>	54 MPa
<i>Tensile strength:</i>	14 MPa
<i>Water absorption</i>	
24 h 100°C:	3 %
<i>Tg:</i>	54°C
<i>Application and curing temperature:</i>	Min. +4°C / 39°F
<i>Colour:</i>	Grey
<i>Normal packing:</i>	2.3 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.