



# Technical Data Sheet

## NM Lack 415

Utg: 1996-10-18

Ers: 2018-01-10

Rev: 2021-10-25

### General Description

**NM Lack 415** is a two-component, solvent-free epoxy coating with very low yellowing and a high scratch resistance.

### Use

**NM Lack 415** is intended for surface lacquering of flake flooring and epoxy coatings with coloured sand, where these coatings will be subjected to direct sunlight.

**NM Lack 415** has a good wettability and will therefore rarely show tendencies to "fish eyes". Water leaves no stains on **NM Lack 415** cured one week at 20°C.

**NM Lack 415** may also be used as binder to natural stone floor.

**NM Lack 415** is diffusion tight.

### Surface Preparation

If **NM Lack 415** are to be laid directly onto concrete; 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 Lack 415** is applied with a brush or a roller.

Check the humidity before work. If the humidity are below 35 % shall the work not be carried out.

### Chemical resistance

For a complete list, contact Nils Malmgren AB or visit our home site, [www.nilsmalmgren.com](http://www.nilsmalmgren.com)

#### Key

- Not recommended
- + Short use
- ++ No problems

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

## Tekniska data

<b>Resin</b>	NM Lack 415
<b>Hardener</b>	NM Härdare 413 S
<b>Mixing ratio</b>	
Resin – Hardener	100 – 50 by weight
<i>Density:</i>	1085 kg/m <sup>3</sup>
<i>Viscosity:</i>	0.5 Pa·s
<i>Potlife 100g 20°C:</i>	40 minutes
<i>Tensile strength:</i>	38 MPa
<i>Colour:</i>	Transparent
<i>Consumption:</i>	0.15 kg/m <sup>2</sup> as lacquer 0.6 kg/m <sup>2</sup> as sealer for coloured sand floor.
<i>Lowest humidity in the room:</i>	35% RH
<i>Normal packing:</i>	4.5 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 % RH.

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.