



# Technical Data Sheet

## NM Lim 250

Utg: 1994-06-20

Ers: 2012-12-20

Rev: 2021-10-25

### General Description

**NM Lim 250** is a solvent-free epoxy adhesive.

### Use

**NM Lim 250** is an adhesive that can be used for the most varied materials, such as wood, metal, porcelain, glass, stone, concrete, etc. The adhesion is generally very good for most materials, including teak.

**NM Lim 250** is waterproof and does not discolour.

### Surface Preparation

Surfaces to be glued must be absolutely clean from oil, dust, chemicals, etc. Surface-treated and degreased surfaces must not be touched with the fingers. Gluing should be done as soon as possible after surface treatment.

### Application

Glued details only need to be fixed, no additional pressure is necessary.

When gluing wood or other absorbent materials, you must first saturate the surfaces with glue. Otherwise, there is a great risk that the glue in the joint will disappear into the joined surfaces.

A quick way to saturate e.g. wood is to apply glue on both surfaces to be joined together. Then heat the glue on the surfaces with a hot air gun or hair dryer. The viscosity of the glue then drops sharply and accelerates the saturation. More glue is applied and the surfaces are finally put together.

## Typical Properties

**Resin** NM Lim 250  
**Hardener** NM Härdare 140

### Mixing ratio

*Most flexible:*

*Base - Hardener* 100 - 100 p.b.w.

*Hardest:*

*Base - Hardener* 100 - 55 p.b.w.

*Density:* 1100 kg/m<sup>3</sup>

*Viscosity:* 12 Pa·s

*Dry content:* 100%

*Potlife 100g 20°C:* 60 minutes

### Adhesion strength

*iron plate against iron plate:* 22 MPa

*Tensile strength:* 60 MPa

*Flexural strength:* 90 MPa

*E-modulus<sub>[Flex]</sub>:* 2 GPa

*T<sub>G</sub>:* 50°C

*Lowest curing temp.:* +4°C

*Colour:* Transparent

*Normal packing:* 2.0 kg

*Cleaning solvent:* 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

### Declaration of performance:

Can be obtained for this product. See our website or contact Nils Malmgren AB.

## 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.