



# Technical Data Sheet

## NM Spackel Elastic 705

Utg: 1994-09-19

Ers: 2011-03-25

Rev: 2021-10-25

### General Description

**NM Spackel Elastic 705** is an elastic, two-part, solvent free epoxy-putty,

The putty is initially a fluid. After mixing with the hardener, **NM Härdare 706**, a highly thixotropic putty is formed that will not run on vertical surfaces.

**NM Härdare 706 TFL** gives a slighter thixotropic putty, mostly used for wide filling on walls.

### Application areas

**NM Spackel Elastic 705** has a very good elasticity, even at temperatures down to  $-30^{\circ}\text{C}$  /  $-22^{\circ}\text{F}$ . The adhesion is very good to most substrates.

**NM Spackel Elastic 705** is a good choice as adhesive joint, where vibrations and movements must be absorbed by the putty layer. For example joining / sealing the hull and deck of wood and plastic boats, securing the keels and details on ditto and grouting of tiles for walls.

**NM Spackel Elastic 705** has the ability to attach to many different materials. It is suitable for bonding metal, concrete, stone, wood and plastic, although bonding of rubber mats towards such as asphalt, concrete and wallboard in sport arenas are possible.

### Surface Preparation

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

### Application

**NM Spackel Elastic 705** shall not be further treated without grinding the putty layer.

### Chemical resistance

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

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 .....	++

## NILS MALMGREN AB

P.O Box 2039  
S-442 02 YTTERBY

Phone: +46 303-936 10

*Quality certified since 1990*

E-mail: [info@nilsmalmgren.se](mailto:info@nilsmalmgren.se)  
Home site: [www.nilsmalmgren.se](http://www.nilsmalmgren.se)

## Typical Properties

**Resin** NM Spackel Elastic 705  
**Hardener** NM Härdare 706  
NM Härdare 706 TFL

### Mixing ratio

Resin – Hardener 100 – 15 by weight

*Density:* 1440 kg/m<sup>3</sup>

*Viscosity:* Thixotropic

*Potlife 100g 20°C:* 30 min

*Elongation at +20°C:* more than 50 %  
(material properties)

*Elongation at -20°C:* more than 30 %  
(material properties)

*Hardness:* 80 Shore A

*Application and curing temperature:* Min. +5°C / 41°F  
Max. +35°C / 95°F

*Chemical resistance:* [www.nilsmalmgren.com](http://www.nilsmalmgren.com)

*Colour:* Grey

*Normal packing:* 1.725kg  
10.0 kg (TFL-hardener)

*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

### 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.