

NEVOFIX Fixing glue - 310 ml**Description**

Hybrid polymer adhesive for quick and easy fastening of the joint tape. The bond already reaches a handling strength after 20 minutes and achieves functional strength after 3 hours. This ensures work can continue quickly.

Application

The adhesive surfaces must be cleaned and any contamination such as release agents, preservatives, grease, oil, dust, water, old adhesives/sealants and other substances impairing adhesion must be removed. Cleaning of non-porous substrates: Clean with suitable cleaner and a clean, lint-free cloth. Cleaning porous substrates: Clean surfaces mechanically, e.g. with a steel brush or a grinding disc, to remove loose particles. The adherent surfaces have to be clean, free from dust and grease as well as sustainable. The usability of the product in the respective installation situation must be checked by the user!

Material

- Hybrid polymer

Packaging

- Free of halogen-containing compounds, azo dyes, flame retardants



DATA SHEET

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Item no.	Pcs/ Box	Pcs/ Pallet
NSMK	20	1.080

Consumption: 5 to 6 m / cartridge



Characteristics:

- Handling strength after 20 minutes and functional strength after 3 hours. Fast continued work possible with thin adhesive layer and diffusion-open materials.
- High final strength. Resistant to high mechanical stresses.
- Also bonding to damp surfaces.
- Elastic. Compensates movements.
- Free of isocyanates.
- Silicone-free.
- Compatible with natural stone. Does not cause greasy deposits on natural stones.
- Can be painted and varnished, please observe application instruction in Data Sheet.

Fields of application:

- Bonding and mounting different materials, such as wood, wooden materials, plastics, metals and mineral substrates.
- Bonding of stone, natural stone and ceramic.
- Bonding of window sills, floor strips, decorative strips and stairs.

Standards and tests:

- French VOC-emission class A+.
- EMICODE® EC 1 Plus - very low emission.

Colour:

- Concrete grey



- Due to typographical reasons the colour shown may differ from the original colour of the product.

Important information:



For further documents
scan or click here!



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Before applying this product the user has to ensure that the materials in the area of contact (solid, liquid and gaseous) are compatible with it and also amongst each other and do not damage or alter (e. g. discolour) each other. As for the materials that will be used at a later stage in the surrounding area of the product the user has to clarify beforehand that the substances of content or evaporations do not lead to an impairment or alteration (e. g. discolouration) of the product. In case of doubt the user should consult the respective manufacturer of the material.

Paints, lacquers, plastics and any other coatings must be compatible to the adhesive/sealant.

For bonding or sealing of glass and transparent plastic material, such as acrylic glass which is exposed to UV-radiation we recommend the use of special UV-resistant silicone adhesives/sealants.

Not suitable for sealing / bonding copper upon impact of UV-radiation and temperature.

The colours of the sealant may be affected by environmental influences (high temperature, chemicals, vapours, UV-radiation). This does not affect the characteristics of the product.

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Technical properties:

Skin-forming time at 23 °C/50 % RH: ~ 5 min.

Curing in 24 hours at 23 °C/50 % RH: ~ 2 mm

Processing temperature: + 5 / + 40 °C

Viscosity at 23 °C: pasty, stable

Density at 23 °C according to ISO 1183-1: ~ 1,4 g/cm³

Shore-A-hardness according to ISO 868: ~ 67

Stress expansion modulus at 100 % according to ISO 37, type 3: ~ 2,4 N/mm²

Tensile expansion according to ISO 37, type 3: ~ 300 %

Tensile strength according to ISO 37, type 3: ~ 3,6 N/mm²

Temperature resistance: - 40 / + 90 °C

Shelf life at 23 °C/50 % RH for cartridge: 18 months from production

Maximum permissible tension (for bonds without load transfer) for designing the area to be bonded: 0,001 N/mm²

These data are not suitable for the issue of specifications. Please contact our Sales Office before issuing specifications.

Primer table:

The demands on elastic sealings and bondings depend on the respective exterior influences. Extreme fluctuations in temperature, tensile or shear forces, repeated contact with water etc. demand high requirements of a bonding. In such cases, it is advisable to apply a suitable primer in order to achieve a resilient bonding.

Acrylic glass/PMMA - good adherence without primer

Acrylic bathroom surfaces (e. g. bath tubs) - good adherence without primer

Aluminium - good adherence without primer

Aluminium eloxiert - good adherence without primer

Concrete - good adherence without primer

Stainless steel - good adherence without primer

Fibre cement - good adherence without primer



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Glass - good adherence without primer
Wood, painted (solvent systems) - good adherence without primer
Wood, painted (aqueous systems) - good adherence without primer
Wood, varnished (solvent systems) - good adherence without primer
Wood, varnished (aqueous systems) - good adherence without primer
Wood, untreated - good adherence without primer
Ceramic, glazed - good adherence without primer
Ceramics, unglazed - good adherence without primer
Copper - good adherence without primer
Melamine resin panels - good adherence without primer
Natural stone - good adherence without primer
Polypropylene (PP) - not suitable
Polycarbonate - good adherence without primer
Plaster - good adherence without primer
PVC unplasticized - Test/pilot test advised
Zinc, galvanised iron - good adherence without primer

Application information:

In order to achieve good adhesion and good mechanical properties air entrapment must be avoided. Curing time can be reduced by humidification and increased temperatures. For the full-surface bonding of steam-tight substrates the adhesive should be moistened. Our product can be overcoated with paint or varnish. The compatibility between the coating and our product has to be checked **before** the application by the user/processor - possibly under production conditions. If, in exceptional cases, after successful compatibility test our product is coated over the entire surface, this coating must also be able to follow the elastic movement of the sealant. Otherwise crack formations in the coat of paint or optical impairments may occur. Paints, lacquers, plastics and any other coatings must be compatible to the adhesive/sealant. Materials with alkaline contents may cause interactions in the form of discolouration. Pure mineral paints (e.g. based on potassium silicate or lime) are not suitable for painting over the entire surface due to the brittleness of the paint. Depending on the climatic conditions and the type of painting, the coating materials can be reworked from about 1 hour. In contact with oxidatively curing paints (e.g. alkyd resin paints) drying and curing can be delayed or prevented. We recommend preliminary tests. Coatings and their evaporation can lead to discolouration of the adhesive/sealant. Discolouration of coatings due to interaction with the adhesive/sealant is not excluded. Due to the many possible influences during and after application, the customer always has to carry out trials first. Please observe the recommended shelf life which is printed on the packaging. We recommend to store our products in unopened original packaging dry (< 60 % RH) at temperatures of +15 °C up to +25 °C. If the products are stored and / or transported at higher temperatures / air humidity for longer periods (some weeks), a diminution of durability or a change of material characteristics may arise.

Safety precautions:

Please observe the safety data sheet.
After curing, the product is odourless.

Disposal:

Please observe the safety data sheet.



NEVOFIX Fixing glue - 310 ml**Warranty information:**

The above information and our technical application advice, whether verbal, in writing or by means of tests, are provided to the best of our knowledge, but are non-binding, including with regard to any third-party property rights. The information in this publication does not exempt the processor from carrying out their own tests on our products with regard to their suitability for the intended processes and purposes. The application, use and processing of our products and the products manufactured on the basis of our technical application advice are beyond our control and are therefore the sole responsibility of the processor. If the application for which our products are used is subject to an official authorisation requirement, the user is responsible for obtaining these authorisations. We reserve the right to adapt the product to technical progress and new developments. For the rest, we refer to our General Terms and Conditions, in particular with regard to any liability for defects. You can find our GTC at www.nevoga.com

Note: Protect from direct sunlight and moisture during storage.

