

NEVO-FBK1

Technical Data Sheet

Properties:

NEVO-FBK 1 is a one-component, pasty adhesive compound based on silane-modified polymer, which hardens through humidity to a flexible product. Due to its self-smoothing property, as well as its high chemical resistance, NEVO-FBK 1 is recommended for many special applications in horizontal and vertical areas.

Technical Data:

Substance Data:

Material basis	SMP	
Consistency	low-slump, pasty	
Colour	grey	
Odour	hardly noticeable	
Spec. density (23°C)	approx. 1,5g/cm ³	DIN EN ISO 2811-1
Dyn. viscosity (23°)	approx. 2000 Pas	DIN EN ISO 2555

Reaction data (at 23°C):

Processing temperature	+5 to +40°C	substrate temperature
Tack-free time *	approx. 30 min.	ASTM C679
Setting process *	approx. 2mm/24h	

Properties of cured mastic:

Tensile strength	approx. 2,0 N/mm ²	DIN EN ISO 527
Elongation at break	approx. 400 %	DIN EN ISO 527
Shore A hardness	approx. 50	DIN ISO 7619-1
Temperature resistance	-40 to +80°C	

(* measured at 23°C / 50 & rel. humidity)

Processing:

The surfaces shall be firm, sustainable, clean, dry and free of separating substances (fats, oils, etc.). The surfaces shall not contain substances containing tar, as otherwise the adhesion is reduced.

NEVO-FBK 1 should be applied uniformly with pressure on the adhesion surface. For this purpose we recommend the utilization of e. g. grooved trowel or a polished scoop. Opened containers should be used as soon as possible.

Adhesion to plastics which are difficult to bond, such as e. g. PE or PP (polyolefins), should be tested beforehand. In case of application on coated substrates, a preliminary examination of the compatibility is necessary. The adhesion to slightly moist concrete bases is as similar high as on dry, primed concrete.

On contact surfaces, such as e. g. aluminium, galvanized sheet metal, PVC, PS, Macrolon and others, NEVO-FBK 1 is usable without primers.

The full hardening time depends on the humidity and temperature. By increasing the temperature and humidity the full hardening time can be reduced.

INFORMATION:

The information given is the best that Nevoga researched and prepared at this time. The instruction sheets are recommendations. Correct use is the responsibility of the user. Nevoga does not guarantee the accuracy and completeness of the information. All rights for changes, mistakes, sentence and printing errors reserved.

Safety information:

NEVO-FBK 1 is not classified as hazardous according to Regulation (EC) 1272/2008 (CLP).

Even in the case of not classified products, the standard precautionary measures applicable for chemical products should be observed.

Packaging:

333 ml aluminium foil sausages

Storage:

Shelf life at least between 9 month in original packaging when stored in dry conditions between +15 to +25°C, protected from heat, frost and direct sunlight.

After the expiration the use of the product is generally not recommended, unless an approval has been provided by Nevoga. This approval can only be obtained by the quality assurance department of Nevoga releasing the material after verification of main properties being within specification.

Disposal:

Small quantities of cured product residues can be disposed of as normal domestic waste. Dispose of not cured components must be effected in accordance with the corresponding local regulations. For further information please refer to the material safety data sheets.

Legal notice:

The correct and thus successful application of our products is not subject to our control. A guarantee can be issued for the quality of our products within the framework of our sales and supply conditions, however not for successful processing. All data and specifications in this specification sheet are based on the present state of the art and the right to changes and adaptations for the sake of development remains explicitly reserved. The consumption specifications designated by us can be only average empirical values, where deviations are possible on an individual basis and therefore cannot be excluded by us.

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