

## Multi-purpose epoxy glue of moderate curing rate

### Product Description

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EPOFIKS N is used for gluing constructional and nonconstructional elements of concrete, stone, metal, wood, ceramics, polyester, epoxy, and other similar materials. It is suitable for fixing anchors and plugs, pouring under machine stands, mending damages and cracks in concrete and stone and all spots where there are a transmission of gliding and pressing forces between materials. It is designed to operate at temperatures above 25 ° C and can be used at temperatures above 15 ° C if prolonged time of full curing is not an obstacle.

### Consumption

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It depends on the volume mass of the selected variants: A - 1,5 g/cm<sup>3</sup>, B - 1,7 g/cm<sup>3</sup>, C - 1,85 g/cm<sup>3</sup>

### Advantages

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EPOFIKS N is a 3-part epoxy glue, moderate curing rate. Depending on the application requirements, EPOFIKS N are supplied with different types and amounts of fillers (variants).

**EPOFIKS N 1,5** - Binder(A+B) / Filler ( I )ratio = 1:1,5 by weight.

Recommended for bonding a thin layer (0.3 mm cc) finely machined surfaces of ceramic, metal or stone, for filling thin horizontal cracks, etc.. The consistency of the material is suitable for the application of a stiff brush. Bulk density is 1.5 g/cm<sup>3</sup>.

**EPOFIKS N 2,5** - Binder(A+B) / Filler ( II ) ratio = 1:2,5 by weight

Widely applicable variant of medium consistency suitable for application by trowel, spatula and the like.,in the thickness of over 1 mm. It is suitable for fixing anchors and plugs , pouring under machine stands, filling cracks and horizontal damage in concrete, bonding the various elements.

**EPOFIKS N 3,5** - Binder(A+B) / Filler ( II ) ratio = 1:3,5 by weight.

High-consistent version for gluing to vertical surfaces, filling in thick layers or damage, etc.

All variants show good mechanical properties and high resistance to short-term and long-term chemical and mechanical loading and dynamic loading.

**EPOFIKS N** does not contain organic solvents and shows minimal shrinkage during hardening. Not recommended for bonding constructional elements under conditions of prolonged exposure to temperatures above 60 °C.

## Certificate

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Report of quality No. UIV -339/11, Institute IMS, Belgrade  
SRPS G.S2.613 Plastics - Determination of compressive properties of thermosetting plastics.  
SRPS G.S2.614 Plastics - Bending test.  
SRPS EN ISO 4624 Paint and varnishes - Pull-off test for adhesion.

## TECHNICAL SPECIFICATION

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<b>Volume Mass of Bound Material</b>	1,772 g/cm <sup>3</sup>
<b>Time of use</b>	45 min
<b>Compressive Strength</b>	92,6 MPa
<b>Flexural Strength</b>	35,6 MPa
<b>Adhesive Strength</b>	> 7 MPa (Concrete failure)
<b>Storage</b>	Stored in a dry place at temperature over +15°C .
<b>Tool cleaning</b>	Tools should be washed in solvent immediately after use.
<b>Shelf Life</b>	6 months minimum in unopened package.

## SAFETY REGULATIONS AND SAFETY AT WORK

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The use of safety and personal protective equipment is obligatory. Observing the fire fighting measures is required. The physical, safety-technical and ecological data and regulations in work with chemical materials, as well as storage and waste removal must be observed.

## STATEMENT ON LIMITED LIABILITY

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All information mentioned in this technical sheet have been transferred faithfully and conscientiously and they are based on our knowledge. The obligation in the warranty period is limited to the quality of the delivered goods. In cases of important building enterprises or if there are problems you are to ask advice from our technical service.