

# PLANOPRIMER EPOXY

## Solvent-free epoxy primer

- ▷ **Ideal for non-absorbent surfaces**
- ▷ **Solvent free**
- ▷ **Excellent workability with high adhesion to all substrates**
- ▷ **High resistance to chemicals**

<b>Description</b>	PLANOCOLOR LIQUID GLASS is a two-component transparent epoxy resin. It is appropriate for creating uniform surfaces with no joints, colored or simply transparent, that can accept all types of aggregates, stickers, photos, or optical fibers in their mass. It can be combined with NOVACOLOR UNIVERSAL pigments to produce a colored finish or with glitter to produce iridescent surfaces.
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<b>Uses</b>	For applications on substrates such as: <ul style="list-style-type: none"><li>• Cementitious and plaster surfaces</li><li>• Anhydrite</li><li>• High porosity</li><li>• Low absorbency</li></ul>
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## Technical Data

### Product Identity

	<b>Component A</b>	<b>Component B</b>
Form	Liquid	Liquid
Color	Transparent	Transparent
Chemical base	Epoxy resin	Aliphatic amine
Density	1,07 ±0,02 kg/L	1,03 ± 0,02 kg/L
Storage	12 months in the original package	

**Application Data (+23°C % & 50% r.H.)**

Mixing ratio	Part A : Part :B = 60 : 40	
Density of the mix	1,05 ±0,05 kg/L	
Hardness according Shore D	75	
VOC	0 g/L	
Application temperature	+10°C up to +30°C	
Pot life <sup>a</sup>	+ 15°C	≈ 90 min
	+ 20°C	≈ 60 min
	+30°C	≈ 20 min
Walkability <sup>a</sup>	+ 15°C	36 h
	+ 20°C	24 h
	+30°C	12 h

a : Time measurements are approximate, influenced by the environmental conditions, mainly by the relative humidity (r.H.)

**Application Procedure**
**Substrate preparation**

The surfaces to which PLANOPRIMER EPOXY will be applied should be dry, clean, and free from substances that hinder adhesion such as grease, oils, dust, and deteriorated materials. The substrate should be sealed and not subject to rising moisture.

**Preparation of the mix**

Add component B to component A and mix thoroughly for at least 2-3 minutes at low speeds. It is important to mix both on the walls and the bottom of the container to ensure uniform distribution of the catalyst.

**Application**

The mixture should be applied using an appropriate roller or brush. Apply a continuous, pore-free layer, ensuring that the material penetrates the application surface well. If necessary, apply a second layer. In the case of subsequent epoxy or polyurethane coatings, the application should be done while the primer is still wet. If cementitious coatings are to follow after the adhesive layer has dried, then it is considered necessary to create a suitable surface on the still wet surface, such as using NOVAMIX S 500 silica sand.

**Recommendations**

- Always use the preset quantities of A & B components
- During application, the minimum temperature of both the substrate and the environment should be +10°C, and the maximum should be +30°C.
- The temperature of the substrate should be at least 3°C above the dew point to reduce the risk of condensation and bubble formation.
- Low temperatures and high humidity levels prolong the curing time, while high temperatures significantly reduce the workability time.

- Before application, ensure that the substrate's moisture content is < 3% by weight.
- Application should be performed by a professional user

### Cleaning

Clean immediately after use with NOVATHINNER solvent. Cured material can only be removed mechanically.

### Storage

Remains stable for at least 12 months from the date of production, in the original sealed packaging, stored in a dry place and temperature between +10°C and +30°C.

### Packaging

PLANOPRIMER EPOXY is available in 3 kg (A + B) packaging.

### Safety instructions

For information and instructions regarding disposal and safe handling, users should refer to the latest Safety Data Sheet of the product containing ecological, toxicological and other safety-related data.

### Legal notes

The technical data and recommendations contained or listed in this leaflet are the result of laboratory measurements, of our current knowledge and experience. All the above-mentioned information and specifications should in any case be considered as indicative, as they may differ from each other. The Company makes every effort to ensure the accuracy of the information provided herein. Product specifications, prices and availability are subject to change without notice and may differ from those shown.

In practice, variations in materials, substrates and on-site implementation conditions are such that no warranty can be given or implied, as to the merchantability or suitability of the materials for a particular purpose and for the exact conditions of each project. Anyone interested of using the product must be sure beforehand that the product is suitable for the intended use and in any case, the user is solely responsible for any consequences due to the use of the product. Among other things, the Company is not responsible for any normal wear or tear from environmental or other inappropriate conditions. We reserve the right to revise or change the data herein without prior notice.

Restrictions and disclaimers apply to the extent permitted by applicable law. The Company has a Technical Support Department, which is the only one responsible for providing technical advice and solutions to deal with problems. Requests to the Technical Support Department are addressed and answered, only in writing.

For the latest and a valid version of the Technical Data Sheet, the user of the material must refer to our website [www.novamix.gr](http://www.novamix.gr) or directly to the QR Code of the product.



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