

Product Data Sheet

Gjøco Poxydekk Glassklar



Gjøco Poxydekk Glassklar is a transparent two-component epoxy designed for priming untreated concrete, decorative coatings with decorative sand, and as a clear topcoat. It can be used on concrete and mineral substrates, as well as on wood, metal, and stone. Suitable for both indoor and outdoor use.

Revised

30.09.2025

Symboler



Applications

Priming on untreated concrete.
Decorative coating with decorative sand.
For transparent topcoat on epoxy or untreated concrete.

Color:	Transparent/clear
Mixing Ratio:	Set of 3 kg: 2 kg Part A 1 kg Part B
Specific Gravity of Mixture:	1.1 kg/l
Application Method:	Roller, brush, or squeegee
Cleaning Agent:	Gjøcorens, or alternatively isopropanol or xylene. Cured product can only be removed mechanically.
Thinning:	The product must not be thinned.
Coverage:	0.3 kg/m ² at 0.3 mm thickness
Pot Life:	30 minutes. Use immediately after mixing Parts A and B.
Drying Time (23°C, 50% R.H.):	
Walkable:	10 hours
Maximum Recoat Interval:	6–24 hours at 23°C. If more than 24 hours pass between coats, the surface must be sanded to ensure adhesion.
Minimum Application Temperature:	+12°C for both substrate and air, and at least 3°C above the current dew point.
Curing Time:	6 days

Surface Preparation

Newly cast concrete must be fully cured. The concrete should be ground, shot-blasted, or sandblasted to remove laitance, curing membranes, and weak concrete. Oil, grease, and similar contaminants must be thoroughly removed. Existing epoxy coatings that are well-adhered to the substrate should be lightly sanded to ensure adhesion of the new coating. The substrate must be clean, sound, dry, and free of dust and grease before further treatment. Untreated concrete must be primed with Poxydekk Glassklar before further processing. Metal surfaces must be sandblasted and cleaned to bare metal.

Application Instructions

Gjøco Poxydekk Glassklar should be stored at room temperature for 24 hours before use to improve application properties. The set contains 2 kg of Part A and 1 kg of Part B. The mixing ratio is 2 parts A to 1 part B by weight. Ensure that the correct amounts of Part A and Part B are combined. Pour Part B into Part A and mix thoroughly with a slow-speed drill and paddle for 3–4 minutes. The mixture should be used as quickly as possible, before it begins to cure in the container. Ensure good ventilation and air circulation during application and drying. Poor ventilation or low temperature of the air or substrate can affect curing. High humidity or early dew may cause poor adhesion and result in white marks or chalking. Cover the surface if there is a risk of rain.

As Primer and Thin-Film Topcoat:

The best method is to pour the mixture directly onto the substrate and then spread it with a roller or squeegee. When used as a topcoat without fillers, it should not be applied too thinly, as this can cause surface tension and unevenness in the film.

As Decorative Coating with Decorative Sand:

It is important to prepare the substrate before application. The substrate must be clean, dry, and free from dust and grease. Untreated concrete and other absorbent/porous surfaces should be primed with Poxydekk Glassklar to prevent air bubbles and pinholes. Pour Part B into Part A and mix thoroughly with a slow-speed drill and paddle for 3–4 minutes. If desired, add the decorative sand and mix thoroughly for another 3–4 minutes. Apply the mixture in several layers until the desired thickness is achieved. For thicknesses above 2–3 mm, the film may develop a slight yellow tint, which will be visible if used as a transparent coating without decorative sand or similar additions. Remember that the mixture must be used within 30 minutes due to curing time. For casting or filling applications, ensure that the mold is tight to prevent leakage or overflow.

Storage

The product must be stored in accordance with national regulations. The packaging should be kept tightly closed and stored in a dry place at a stable temperature. The product should be transported and stored upright, in a dry and frost-free environment.

Waste Management

Liquid epoxy must not be poured into drains or released into the environment, but should be taken to a recycling or hazardous waste facility. Cured epoxy can be disposed of as residual waste at such facilities, but it is recommended to contact the specific facility for guidance, as local regulations may vary. Clean and dry packaging can be sorted as plastic.

**Additional Information**

The paint is not frost-resistant. Use the same batch number on the same coat to avoid differences in gloss. The finished epoxy film may yellow and become slightly dull over time if exposed to sunlight. Epoxy becomes less flexible over time and should therefore not be used on substrates that move, such as solid wood, as this may cause cracking. The product must not be applied to a damp substrate or exposed to moisture before or during curing.

Safety

The product may cause contact allergies and appropriate gloves, workwear, and safety glasses should be used. See the separate safety data sheet. Read the information on the packaging.

The information in this data sheet is based on laboratory tests and practical experience. Our products are considered semi-finished goods, and since the conditions under which the products are used are often beyond our control, we can only guarantee the quality of the product itself. Products are supplied in accordance with our general terms of sale, delivery, and service, unless otherwise agreed in writing. We reserve the right to make minor product modifications and to change the stated data without prior notice. This data sheet replaces all previous versions.

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