

Product Data Sheet

Gjøco Poxydekk Glassklar



Gjøco Poxydekk Glassklar is a transparent two-component epoxy designed for use as a primer on untreated concrete, for decorative coatings with decorative sand, as a clear topcoat, as well as for casting and filling. It can be applied to concrete and mineral substrates, as well as wood, metal, and stone. When used as a decorative coating with decorative sand, it can be applied up to a thickness of 10 mm, applied in multiple layers until the desired thickness is achieved. Suitable for both indoor and outdoor use.

Revised

20.02.2025

Symboler



Applications

Primer on untreated concrete
 Decorative coating with decorative sand
 For casting and filling
 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:	Gjøcoresn, 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, blasted, or sandblasted to remove the cement film, membrane hardener, and weak concrete. Oil spills, grease, and similar contaminants must be thoroughly removed. Existing epoxy coatings that adhere well to the substrate should be lightly sanded to ensure adhesion to the new coating. The substrate must be clean, solid, dry, and free of dust and grease before further treatment. Untreated concrete must be primed with Poxydekk Glassklar before further application. 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 the correct amount of Part A and Part B is mixed. Pour Part B into Part A and mix thoroughly with a slow-speed drill and whisk for 3–4 minutes. The mixture should be used as soon as possible before it starts to cure in the container.

Ensure good ventilation and air circulation during application and drying. Poor ventilation and low temperatures can affect curing. High humidity or early dew formation can lead to poor adhesion, white stains, and chalking. Cover the surface if there is a risk of rainfall.

As Primer and Thin-Film Topcoat:

The best method is to pour the mixture directly onto the substrate and spread it using a roller or squeegee. For topcoat use without fillers, avoid applying too thinly, as this may cause surface tension and irregularities in the film.

As Decorative Coating with Decorative Sand, and for Filling and Casting:

Ensure the substrate is properly prepared—clean, dry, and free from dust and grease. Untreated concrete and other absorbent or porous substrates should be primed with Poxydekk Glassklar to avoid air bubbles and pinholes.

Pour Part B into Part A and mix thoroughly with a slow-speed drill and whisk for 3–4 minutes. Then, add decorative sand if desired and mix for an additional 3–4 minutes. The mixture can be applied in multiple layers to achieve the desired thickness or applied up to 10 mm thick in one layer. For thicknesses over 5 mm, the film may develop a slight yellow tint, which will be visible if the mixture is used as a transparent layer without decorative sand or similar additives.

The mixture must be used within 30 minutes due to curing time. For filling and casting, ensure the mold is sealed to prevent leakage.

Storage

The product must be stored according to national regulations. The container must be kept tightly closed and stored dry at a stable temperature. The product should be transported and stored upright, dry, and frost-free.

Waste Management

Liquid epoxy must not be poured into drains or the environment but delivered to a recycling station. Cured epoxy can be disposed of as residual waste at recycling stations; however, it is recommended to contact the local recycling station for specific advice, as 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 for the same coat to avoid gloss differences. The finished epoxy film may yellow and become slightly matte over time if exposed to sunlight. Epoxy becomes less flexible over time and should therefore not be used on substrates subject to movement, such as solid wood, as this may cause cracking. The product must not be applied to damp substrates or exposed to moisture before and during curing.

Safety

The product may cause contact allergies and should be used with appropriate gloves, workwear, and goggles. Refer to the safety data sheet for more information. 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 they are used are often beyond our control, we cannot guarantee anything other than the product's quality. The products are supplied in accordance with our general terms for sales, delivery, and service unless otherwise agreed in writing. We reserve the right to make minor product changes and to update the specified data without prior notice. This data sheet replaces previous versions.

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