

Product Data Sheet

GjøcoPoxy Universal EKO



GjøcoPoxy Universal EKO is a two-component, low-viscosity, and solvent-free all-round epoxy.

GjøcoPoxy Universal EKO is intended for use as a primer, binder for decorative epoxy coatings, and as a clear/transparent topcoat. It can also be used as a transparent film/dust binder.

The product complies with the requirements set by BREEAM-NOR v6.1 with the classification "exemplary level emission criteria."

Revised

20.02.2025

Symbols



Applications

Used as a primer for thermosetting plastics
 Used as a binder for decorative or compact coatings
 Clear/transparent topcoat
 Patching
 Cove base installation

Technical Data

Color:	Transparent
Mixing Ratio:	8 kg part A and 4 kg part B
Application Methods:	Wide trowel, roller, rubber squeegee, serrated trowel, and power trowel
Cleaning Agent:	Xylene or Isopropanol (Cured product can only be removed mechanically)
Thinning:	The product should not be thinned
Consumption:	Depends on the substrate and type of coating (See separate application guide)
Pot Life:	30 minutes. Use immediately after mixing parts A and B
Dust Dry:	7 hours at 20°C
Walkable:	12 hours at 20°C
Recoating Interval:	Maximum 24 hours at 20°C
Minimum Application Temperature:	+12°C for both substrate and air, and at least 3°C above the current dew point (Lower temperatures will extend curing time)
Curing Time:	7 days
Shelf Life:	2 years in unopened packaging under normal storage conditions

Color and Gloss

Always use the same batch number for the entire coat to avoid differences in gloss and color.

Surface Preparation	The substrate must be solid, clean, dry, and free from grease. Maximum residual moisture in the substrate should be 5% (95% RH). Concrete quality should be at least C 25. Preparation of the concrete surface is done by grinding, milling, shot blasting, or sandblasting. The surface must be thoroughly vacuumed afterwards. The minimum application temperature is +12°C for both the substrate and air.
Usage Instructions:	Add part B to part A and mix thoroughly for 3–4 minutes using a slow-speed drill/mixer. The mixture must be used immediately. The minimum application temperature is +12°C for both the substrate and air. The product temperature should also be above +15°C during application.
Application:	<p>Primer: Apply GjøcoPoxy Universal EKO using a roller, brush, squeegee, or rubber trowel. After application, all pores must be filled, and the surface should appear dense without dry patches. This is important to avoid air bubbles in the coating or top layer. The normal consumption rate is 0.3–0.4 kg/m².</p> <p>GjøcoPoxy Universal EKO can be sprinkled with fine, clean, dry sand immediately after application. This provides slip resistance or prepares the surface for additional layers or decorative coatings with various aggregates and properties.</p> <p>Decorative Coatings:</p> <p>Compact Coating: After priming, mix GjøcoPoxy Universal EKO with colored quartz sand and compact filler. Apply the mixture to the floor at the desired thickness and compress it using a power trowel or smoothing trowel. The coating is saturated with one or more additional layers of GjøcoPoxy Universal EKO. The surface can be sanded and re-lacquered for a mirror-smooth finish or left with a rougher, slip-resistant texture.</p> <p>The coating can also be applied to walls by adding a thickening agent (see application guide).</p> <p>Slip-Resistant Decorative Coating: After priming, mix GjøcoPoxy Universal EKO with compact filler. Apply the mixture to the floor at the desired thickness and fully broadcast with colored quartz sand. Remove excess sand and apply one or more layers of GjøcoPoxy Universal EKO, depending on the required slip resistance.</p> <p>Flakes Coating: GjøcoPoxy Universal EKO can also be used in flakes coatings (see application guide).</p> <p>As a topcoat, GjøcoPoxy Universal EKO must be applied within 24 hours at +20°C. At higher temperatures, this interval may be shorter. If the interval is exceeded, the surface must be lightly sanded to ensure proper adhesion.</p>
Storage	Store in a dry place, protected from frost.
Waste Management	Liquid epoxy should 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 guidance, as local regulations may vary.
Safety	The product may cause contact allergies. Suitable gloves, work clothing, and goggles must be used. Refer to the safety data sheet and 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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