

GJØCOPOXY SL

GjøcoPoxy SL is a three-component, self-levelling, solvent-free epoxy coating for concrete floors. GjøcoPoxy SL is intended for use on mineral substrates such as concrete, brick, plaster and cement-based substrates that withstand heavy chemical and mechanical loads.

APPLICATION

Warehouse / production
Corridors
Laboratories / technical rooms
Industrial premises
Hospitals / institutions
Showrooms / shops

PACKAGING

Set of 22 kg:
7,05 kg part A
2,95 kg part B
12 kg part C

USER DATA

Color:	S25 (light grey), S35 (grey) and S40 (medium grey)
Mixing ratio:	7,05 kg part A, 2,95 kg part B and 12 kg part C.
Density part A + part B	1,10 kg/L
Density part A + part B + part C	1,58 kg/L
Application method:	Toothed trowel, steel trowel or level rake. A spiked roller can be used to remove air bubbles.
Detergent:	Xylene or Isopropanol. Cured product can only be removed mechanically
Thinning:	The product should not be thinned
Recommended consumption:	3,16 kg/m ² gives 2 mm film-thickness.
Potlife:	45 min. Should be used immediately after part A, B and C are mixed
Drying time (23 ° C, 50% R.H.):	
Walkable:	16-24 hours, depending on conditions and film thickness.
Coating interval, max.:	24 hours at 23°C. At longer intervals, the surfaces should be sanded to ensure adhesion
Minimum application temp. °C:	+12°C in substrate and air, and at least 3°C above the current dew point.
Curing time:	7 days.
Shelf life:	2 years in unopened packaging at normal storage temperature (+5°C - +30°C).

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APPLICATION PROCEDURE

Preparation of the substrate

The substrate must be firm, clean, dry, and free of grease. Max residual moisture in the substrate 5% (95 RH). Concrete quality min C 25. Concrete is pre-treated by grinding, milling, blast cleaning or sandblasting. Finally, the surface is thoroughly vacuumed.

Primer

The substrate must always be primed with GjøcoPoxy BP, GjøcoPoxy MF or GjøcoPoxy R before further treatment. Follow the instructions for use on the selected primer. After application, all pores must be filled and the surface must appear as a continuous film without dry areas. This is important to avoid air bubbles in the top coat.

Self-leveling coating

Part B is poured into part A and mixed well for 3 – 4 min. with a slow-moving drill. Part C is then added and mixed well for 3-4 minutes to a homogeneous mixture. The mixture must be used immediately. Apply evenly with swabs, rubber spatula or leveling rake. If necessary, re-roll with a spiked roller to remove air bubbles. Minimum application temperature is +12°C; this applies to both the substrate and the air temperature. The temperature of the product must be above +15°C during use.

Thin coat 1- 2,5 mm

Gjøcopoxy SL is applied with a notched trowel or level rake to the desired thickness of at least 1 mm. If necessary, a spiked roller can be used to remove any air bubbles.

Slurry coating 2,5 – 5 mm

The pre-treated surface must always be primed with Gjøcopoxy BP, Gjøcopoxy MF and Gjøcopoxy R before applying Gjøcopoxy SL. Pay particular attention to the chosen primer and interval time (see technical data sheet for the specific primer). If this is exceeded, the surface should be sanded lightly and possibly primed again before further treatment.

Gjøcopoxy SL is first applied as a self-levelling coating and immediately saturated with dry and clean quartz sand. Loose and unbound sand is removed from the dry and hardened wear layer, and a top layer of Gjøcopoxy SL is applied with swabs, level rake or steel trowel until the desired surface structure is achieved.

For thicknesses greater than 5 mm, the coating should be built up in several stages.

Curing

The epoxy coating is fully cured after 7 days, and must not be exposed to water spills, chemicals and mechanical wear before full curing has been achieved.

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Storage

The product must be stored in accordance with national regulations. The packaging must be kept tightly closed and stored dry at an even temperature. The product must be transported and stored upright, dry and frost-free.

Waste disposal

The product must not be emptied into sewers or into nature but must be delivered to an approved hazardous waste collection point.



SAFETY

The product can cause contact allergies, as such suitable gloves, work clothes and glasses must be used. See separate safety data sheet. Read the information on the packaging.

The technical recommendations and details that appear in this product description represent our current knowledge and experience of the products. All the above information must nevertheless be regarded as indicative and subject to assessment. Anyone who uses the product must make sure in advance that the product is suitable for the intended use. The user is personally responsible if the product is used for purposes other than those recommended or if it is carried out incorrectly. As the conditions under which the products are used are often beyond our control, we cannot guarantee anything other than the product's quality. The products are delivered in accordance with our general terms and conditions for sales, delivery and service, unless otherwise agreed in writing. We reserve the right to change the specified data without prior notice.

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