

GJØCOPUR PR 1020

GjøcoPur PR 1020 is a 1-component solvent-free polyurethane based primer. GjøcoPur PR 1020 is utilized as a primer for polyurethane and polyurea on substrates such as epoxy and steel. The primer must be applied in thin layers, approx. 0.15 kg/m² and it is recommended to avoid use on sand sprinkled surfaces.

APPLICATION

Primer under polyurethane and polyurea where a smooth surface is desired.

PACKAGING

Drum of 200 kg

USER DATA

Color:	Brown
Application method:	Brush, roller, or spray
Detergent:	Thinner or other cleaning agent for polyurethane. Cured product can only be removed mechanically.
Density:	Ca 1,17 kg/l.
Thinning:	The product should not be thinned
Recommended consumption:	Ca 0,15 kg/m ²
Coating interval:	Min 30 minutes, max. 24 hours at 20°C.
Minimum application temp. °C:	+10°C in substrate and air, and at least 3°C above the current dew point
Curing time:	1 day
Shelf life:	1 year in unopened packaging at normal storage temperature (+5°C - +30°C).

The product must not be used on damp surfaces or exposed to moisture before curing.

APPLICATION PROCEDURE

Preparation of the substrate

The substrate must be firm, clean, dry, and free of grease. Max residual moisture in the substrate 80 % RH. Concrete quality min C 25. Concrete is pre-treated by grinding, milling, blast cleaning or sandblasting. Finally, the surface is thoroughly vacuumed. Minimum application temperature is +10°C, this applies to both the substrate and the air temperature, and be at least +3°C above the current dew point.

Application

The relative humidity in the room must be below 90% both during application and curing. Uncured product must not come into contact with moisture or water. The product must have a temperature above +15°C when applied. Apply with brush, roller, or spray equipment.

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Coating

The pre-treated concrete surface must always be primed with Gjøcopoxy BP (alternatively Gjøcopoxy MF or Gjøcopoxy R). Within 24 hours of priming (at 20 degrees) apply a thin layer of GjøcoPur PR 1020. After 30 min and within 24 hours (at 20 degrees), apply, for example, polyurethane-based GjøcoPur T, SF or LS or polyurea-based GjøcoUrea P400. Consumption amount should be between 0.1 and 0.15 kg/m². It is important to not apply the primer in too thick layers. On steel substrates, the primer can be applied directly to clean, dry steel, immediately after sandblasting to SA2.5. GjøcoPur PR 1020 can also be used as a primer on existing polyurethane or epoxy coatings that are being re-coated, or as a primer for intermediate coat adhesion between two layers of polyurea. Make sure that the substrate is clean, dry, dust-free and well sanded before applying the primer. Remember to always check that the temperature is at least 3 degrees above the dew point at all times. GjøcoPur PR1020 should not be applied to sand sprinkled substrates, as it can quickly lead to layers being applied too thick.

Curing

GjøcoPur PR 1020 primer is fully cured after 1 day at 20 °C, and must not be exposed to water spills, chemicals and mechanical wear before the next coating layer is applied.

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. Recommended storage temperature 20-30°C, avoid storing above 50°C.

Waste disposal

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



ADDITIONAL INFORMATION

The product does not withstand frost.

SAFETY

The product can cause contact allergies and harm the respiratory system, as such suitable gloves and respiratory protection must be used. See separate safety data sheet. Read the information on the packaging.



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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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