

Product Data Sheet

GjøcoUrea P 400



Gjøcourea P 400 is a two-component, solvent-free pure polyurea. The product is applied using a two-component high-pressure pump and forms a waterproof and protective coating for use on bridges, roofs, the fishing industry, and water facilities in general.

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Symbols



Applications

Roofs
Fishing industry
Parking garages
Water facilities

Technical Data

Color:	Grey
Mixing ratio:	For a set of 445 kg: 201–211 kg part A (depending on color) and 225 kg part B
Application method:	Two-component high-pressure pump
Cleaning agent:	Recommended Jeffsol PC. Cured material must be removed mechanically.
Thinning:	Product should not be thinned.
Density:	1,1 kg/l
Consumption:	Approx. 2.2 kg/m ² for 2 mm thickness
Gel time:	6 seconds
Dust dry:	8 seconds
Tensile strength:	75 N/mm ²
Hardness:	Shore A 90, Shore D 43
Tensile strength at break:	26 MPa
Elongation at break:	420%
Shelf life:	12 months in unopened packaging under normal storage temperature

Surface Preparation

The substrate must be solid, clean, dry, and free from grease. Maximum residual moisture in the substrate is 4%. Concrete preparation should be done by grinding, milling, blasting, or sandblasting. The surface should be thoroughly vacuumed at the end. The substrate's compressive and adhesive strength must be ≥ 25 MPa and ≥ 1.5 MPa, respectively. Damaged areas, cracks, or weak spots can be repaired

with Gjøcopoxy BP and Silothix. After surface preparation, apply Gjøcopoxy BP or Gjøcopoxy MF with a roller or squeegee. Immediately sprinkle the surface with dry sand (0.1 – 0.3 mm).

Application

For applying Gjøcopoxy P 400, use a high-pressure pump with volume and temperature control, preferably with a self-cleaning nozzle. The application temperature for the two components must be between 70 °C and 85 °C, and the pressure should be between 170 and 200 bar. Gjøcopoxy P 400 is applied to all horizontal and vertical surfaces in a continuous operation.

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, dry, and frost-free.

Waste Disposal

Liquid epoxy should not be disposed of in sewage systems or nature. It should be delivered to an environmental station. Uncured product can be delivered to environmental stations as residual waste, but it is recommended to contact the local environmental station for specific advice, as there may be local variations.

**Safety**

Refer to the Safety Data Sheet for detailed safety information. Read the information on the packaging. The product may cause skin contact allergies, and gloves must be worn. When spraying, wear full protective clothing, including a fresh air mask.

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.

Contact Information

Gjøco AS, Galterud
Sagmoen 100, NO-2223 Galterud, Norway
Phone: +47 712 91 700
Email: office@gjoco.no

