



EUROTEAM

EUROPUR 0420

1-component polyurethane sealant, transparent, glossy, UV-stable

PRODUCT DESCRIPTION	EUROPUR 0420 is a transparent, silky-glossy, elastic, vapor-permeable and weatherproof polyurethane sealant.
SCOPE	EUROPUR 0420 is used for sealing balcony and terrace surfaces and as a binder for the production of natural stone carpet coverings.
PRODUCT FEATURES	<ul style="list-style-type: none">- solvent-based- UV stable- very good weather resistance- glittering- vapor permeable
COLORS	<ul style="list-style-type: none">- Transparent, silky sheen
SUBSTRATE PREPARATION	<p>The substrates intended for coating must be sound, dry, free of dust and grease, and free of loose and crumbling particles. The residual moisture content must be below 4%. Any concrete to be coated should be older than 28 days. For absorbent substrates, multiple coats of EUROPUR 0420 sealant are necessary. The adhesion and solvent resistance of the substrate must be thoroughly tested before application.</p> <p>The surfaces must be primed with EUROPOX 0100 and coated with an EUROPUR coating system. The recoating must be carried out within 24 hours! For other substrates, mechanical pretreatment (e.g., sanding) is absolutely necessary. Moisture of any kind must be excluded.</p>
PROCESSING	<p>The mixture must be mechanically mixed for at least 2 minutes until streak-free. EUROPUR 0420 should be applied thinly and evenly to the prepared substrate using a short-pile velour roller in a crosswise pattern. Recommended application rate per coat: 150-250 g/m². Higher application rates may lead to blistering. When used as a binder for stone carpets, the adhesion of the filler material to the binder, as well as the consumption, must be determined in a preliminary test depending on the particle size and mixing ratio. Caution: The material is sensitive to moisture. Use opened containers promptly, as otherwise a skin may form or the viscosity may change.</p>



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CLEANING	The tools can be cleaned with EUROPOX THINNER when fresh material is present. Once the material has fully reacted, they can only be cleaned mechanically.
CONSUMPTION	Approx. 150 - 250g/m ² , do not divide the container!
PACKAGING	EUROPUR 0420 is supplied in 5 kg and 12.5 kg containers .
STORAGE AND SHELF LIFE	Store in cool and dry conditions (+15°C to +25°C). Under these conditions, the shelf life in the unopened and undamaged original container is 12 months.
SPECIAL INSTRUCTIONS/PROTECTIVE MEASURES	EUROPUR 0420 should only be processed in well-ventilated areas. Wear suitable protective equipment while working. Waste and containers must be disposed of safely. Avoid release to the environment. Completely empty containers can be returned to the KBS/Interseroh recycling system. The instructions in the corresponding safety data sheet must be strictly observed. The requirements of the German Social Accident Insurance Institution for the Chemical Industry (BG Chemie): "Information Sheet Polyurethane Production/Processing/Isocyanates" must be observed and complied with .



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TECHNICAL SPECIFICATIONS	UNIT	VALUE
Raw material base		Polyurethan
Material consumption (depending on the substrate)	kg/m ²	0.15-0.25
Number of components		1
consistency		Medium viscosity
Density at 23°C/50% rh	g/cm ³	1.0
accessible:	h	approximately 24
full load capacity:	d	7
Shore A hardness		95
Processing temperature	°C	+10 to +25
Skin formation temperature at 20°C	min	approximately 60
Water vapor diffusion factor	μ	6000

*These figures are guidelines only. They are not intended for creating specifications.

The data were obtained at +23°C and 50% relative humidity. Higher temperatures and/or higher relative humidity may shorten or lengthen these times. All technical data, dimensions, and information in this datasheet are based on laboratory tests. Actual measured data may differ in practice.

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