



EUROTEAM

EUROPUR 0445

1-component polyurethane coating/sealant, colored, matte, UV-stable

PRODUCT DESCRIPTION	EUROPUR 0445 is a matt, elastic, vapor-permeable, weatherproof polyurethane coating/sealant.
SCOPE	EUROPUR 0445 is used for the color design of concrete balcony and terrace surfaces and arcades, etc.
PRODUCT FEATURES	- solvent-based - UV stable - weather-resistant - elastic - mechanically resistant - vapor permeable - For indoor and outdoor use - easy cleaning - Good resistance to normal loads
COLORS	Color selection according to the table for standard and special colors.
SUBSTRATE PREPARATION	The substrates intended for coating must be sound, dry, and free of dust and other contaminants that could impair adhesion. The residual moisture content must be below 4%. Any concrete to be coated should be older than 28 days. The surfaces must be primed with EUROPOX 0100 and sprinkled with kiln-dried quartz sand. On substrates that are not resistant to solvents, a barrier layer is created at the same time as the primer. Rising damp must be ruled out.
PROCESSING	The material must be mixed mechanically for at least 2 minutes until streak-free. EUROPUR 0445 should be applied evenly to the prepared substrate using a polyamide roller (6-7 mm). Consumption per pass is approximately 400-500 g. The number of passes depends on the substrate's structure. Caution: The material is sensitive to moisture and must be applied quickly to the surface. To improve slip resistance or for visual design, EURODUR color chips can be sprinkled into the still fresh coating.



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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. 400-500g/m ² , do not divide the container!
PACKAGING	EUROPUR 0445 is supplied in 6 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 0445 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. Refer to the instructions in the relevant safety information leaflet. The 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	0.4-0.5
consistency		Medium viscosity
Number of components		1
Density at 23°C/50% rh	g/cm ³	1.6
Shore A hardness		94
Water vapor diffusion factor	μ	6000
Skin formation time at +20°C	min	approximately 120
accessible:	h	approximately 24
full load capacity:	d	7
Processing temperature	°C	+10 to +25

*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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