



EUROTEAM

EUROPUR 0825

Highly UV-stable 2-component polyurethane binder for colored quartz decorative coverings

PRODUCT DESCRIPTION	EUROPUR 0825 is a transparent, vapor-permeable, very UV-resistant and solvent-free binder with residual elastic properties and good mechanical and chemical resistance .
SCOPE	EUROPUR 0825 is used as a binder for stone carpet coverings in interior and exterior areas. It is primarily made from kiln-dried colored quartz or marble chips .
PRODUCT FEATURES	- solvent-free - very good weather and UV resistance - very good chemical and mechanical properties - high-quality
COLORS	- Transparent
SUBSTRATE PREPARATION	Substrates to be sealed must be firm, dry, load-bearing, free of loose particles, and free of dust, oil, and grease. The residual moisture content must be below 4%. Any concrete to be coated should be older than 28 days. On surfaces with broadcast aggregate, any unbound aggregate must be completely removed before sealing begins. When applying to concrete and other cementitious substrates, a bonding primer with reliable barrier properties against rising alkalis must be applied. Any surface that is older than 24 hours, as well as any soiling of the substrate to be sealed, always requires mechanical pretreatment such as grinding, milling, or blasting. When applying stone carpet coverings in damp and wet rooms, or on surfaces exposed to the elements, it may be necessary to apply a membrane layer beforehand. Please contact our application engineering department for further information.
PROCESSING	To achieve a homogeneous consistency, the components must be mechanically mixed for at least 2 minutes until streak-free . A slow-running, mechanically driven mixer must be used. The size of the mixing tool should always be appropriate to the size of the container. Transfer to another container! Do not process directly from the original container! Do not divide the container! For stone carpet coverings, EUROPUR 0825 is thoroughly mixed with the aggregate in the desired ratio, applied to the substrate, and evenly distributed with a trowel or similar tool. After curing, the surface can be sealed with a transparent sealant. The binder content by weight to the



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	aggregate is approximately 6–8%. The optimal mixing ratio should be determined in a preliminary test and depends, among other things, on the particle size distribution of the aggregate. If EUROPUR 0825 is to be applied as an adhesive layer beforehand, the application rate should not exceed approximately 0.2 kg/m². For adhesive layers on broadcast substrates, the required application rate increases accordingly.
CLEANING	The tools can be cleaned with EUROPUR THINNER when fresh material is present. Once the material has fully reacted, they can only be cleaned mechanically.
CONSUMPTION	approx. 0.2 - 0.3 kg/m²
PACKAGING	EUROPUR 0825 is supplied in 5 kg, 10 kg and 25 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 0825 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		Aliphatic PU resin
Mixing ratio (weight proportions A: B)		1:1
Number of components		2
Density at 23°C/50% rh .	g/cm ³	approximately 1.1
Processing time at +20 °C and 50% rh (100g)	min	approximately 60
accessible:	h	approximately 24
full load capacity:	d	7
Viscosity (at +25 °C)	mPas	1500-2500

*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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