



POLYASTONE

18.12.2023 | VERSION 1

Unique UV stable bonding compound for creating stone carpets on horizontal surfaces

ADVANTAGES

- 100% UV stability
- Use at low temperatures (+5 °C)
- Long service life
- Walking distance after 6 hours
- No need for revitalization
- Use with marble and river pebbles
- High mechanical resistance

SPECIFICATIONS

Possibility of use:

Implementation of stone carpets on horizontal surfaces.
Can be used for driving cars.
Suitable for all types of aggregates - river and marble.
Suitable for light shades of marble in the exterior.

Restrictions:

The aggregate must be dry.
The maximum relative humidity can be up to 60%, water or high relative humidity significantly reduces the processing time of the binder.

Packaging:

Retail 1,25 kg; wholesale 12,5 kg, 30 kg

Storage:

24 months from the date of manufacture at temperatures of +5 °C to +25 °C, in the original packaging in a shaded place.
Use the opened packaging as soon as possible (the binder reacts with humidity).

APPLICATION PART

Preparing the substrate:

The substrate must be dry and load-bearing. Any cracks and potholes must be repaired with TopFiller epoxy sealer. The substrate must be free of dust, dirt, loose parts, old paint and grease/oil stains. Sand and vacuum the surface prior to application.

Before applying the stone carpet itself, prime the substrate with TopFix primer (instructions in TL TopFix) or TopFix Rapid (instructions in TL TopFix Rapid).

Application:

Thoroughly mix ingredient A with ingredient B for at least 2-3 minutes. Pour the mixed mixture (A + B) into the prepared dry aggregate, mixing the binder with the aggregate for at least 2-3 minutes (all stones must be coated with binder). Pour the prepared material onto the foamed surface and spread and tighten with a flat metal trowel. The applied area must be properly tightened.

Apply to the cured primer, not more than 48 hours after curing.

Use thinner S 6006 to clean the trowel.

Attention:

Due to high air humidity, the processing time of the binder is significantly reduced. During application and curing, PolyStone must not come into direct contact with water and other chemicals. The substrate must not contain water-soluble substances (salts, solvents). Pay attention to the dew point, the air and substrate temperature must be at least +3 °C above the dew point.

Safety:

See safety data sheets PolyStone Component A, Component B.

PROCESSING DATA

Mixing ratio A : B	1,6 : 1
Consumption	1.25 kg of binder per 25 kg of stones
Processability	30 minutes at +20 °C
Full loadability	48 hours at +20 °C
Adhesion to concrete	≥ 1,5 MPa
Application temperature	+5 °C to +30 °C
Walkability	6 hours at +20 °C

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PARTNER / DEALER:

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