

OUTDOOR PRODUCTS

SIVIT STONE PU FAST A+B

Two-component polyurethane compound to be used as a binder for realize decorative stone carpets. The floor will be suitable for outdoor use, draining and resistant to weathering and yellowing.



Description

Solvent-free polyurethane formulation suitable for mixing with decorative stone in the creation of Cflooring, including driveways, with a draining effect, indoors or outdoors. Thicknesses between 1 and 3 cm can be obtained. Covering with high mechanical resistance without yellowing or degradation by atmospheric agents. Rapid development of water resistance. Long shelf life.

Use

Stone Carpet with thicknesses of about 10-12 mm. E.g. terraces, walkways, civil premises, etc. Stone carpet suitable for vehicles with thicknesses of about 24-30 mm. E.g. forecourts, small parking lots, etc.

Support

The substrate should not be wet or damp at the time of application. There must be no holes, irregularities or despairs. Ensure appropriate slopes to facilitate drainage.

Preparation

Cementitious surfaces must be treated with PAVIWATER T68 diluted 1:0.5 with water and brookcasting fresh on fresh with QUARZO RESINATO B1 total coverage. After broadcasting remove the quartz in excess.

Dusty or highly absorbent cementitious surfaces should be treated by applying a coat of PAVIWATER T68 diluted 1:3 with water.

Application

Delimit the surface to be covered using appropriate perforated profiles, with a height equal to the final thickness to be obtained.

Mixture preparation (A+B).

Stir component B carefully before use. Pour it into component A, then mix with a low-speed drill, taking care to completely homogenize all the material; Do not swallow too much air during this phase.

Preparation of the mix.

A+B mixture with dry pebbles using a concrete mixer or similar equipment.

We recommend pebbles with a grain size of 2-4 mm for which about 6% resin by weight is required. Continue mixing for a few minutes until the pebbles is evenly wet.

Pour the mixture on the ground and distribute it by trowel and screed; It is recommended to use metal rods such as Quida on which to slide the screed, with a diameter equal to the thickness to be obtained.

Compact and smooth the surface with the float so as not to leave any gaps or irregularities.

If you want to further facilitate the sliding of the spatula, keep it moistened with solvent for polyurethanes, do not use alcohol or water-based products.

Product for professional use. The purchaser undertakes to strictly follow the above warnings when applying the purchased product and the instructions in the safety data sheet.

SIVIT STONE PU FAST A+B • Technical sheet • 05/11/2025

Sivit S.r.l.

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For additional protection, apply a coat of FINISOL GEL polyurethane topcoat. If you want to increase the surface grip, add 5% of SFERETTE VETRO GRANDI or 10% of QUARZO RESINATO B1 to the finish.

Attention. Applying too much of the finish could the draining properties of the covering.

Technical specifications

PRODUCT DATA	
Colour	Transparent
Consumption: for a thickness of 1.2 cm	Approx. 25kg of pebbles (2-4mm) and 1.6kg of resin
Specific weight (at 25°C)	1,15 +/- 0,05 g/ml
Viscosity (at 25°C)	Comp.A 1000-1100 mPa.s Comp.B 10-12 sec (Coppa F4) A+B 600-800 mPas
Solvent for tool cleaning	UNI Solvent
Storage	6 months, store in a dry place in the original sealed packaging, at a temperature between 5°-30°C; The product is extremely sensitive to humidity.

APPLICATION DATA AND TIMES	
Mixture Ratio	6% resin on the weight of pebbles with a grain size of 2-4 mm.
Pot-life 50%A.R.)	A+B at 25°C 24-48 hours Knead at 25°C 2-3 hours
Dry to the touch (50% R.H.)	at 25°C 4-6 hours
Walkable (50% U.R.)	at 25°C 8-10 hours
Trafficable (50% R.H.)	at 25°C 3-5 days
Complete development of mechanical resistances	at 25°C 3-5 days
Environmental conditions of use	Temperatures between +10°C and +35°C and R.H. < 60%

TECHNICAL PERFORMANCE DATA	
Aspect	Glossy
Compressive strength (UNI EN 196-1)	>7 N/mm ²

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