

## STONECARPET 2C POL

### RESIN + MARBLE

#### Description

STONECARPET 2C POL is a flooring system that combines natural stone fragments with high-quality polyaspartic resins. This system creates a durable surface for both interior and exterior applications. Its seamless application provides a uniform aesthetic, while its slip resistance makes it ideal for high-traffic areas.

#### Properties

- Combines natural stone fragments with high-quality resins.
- Drainage capacity, prevents puddles from forming.
- Durable surface, suitable for indoor and outdoor use.
- Slip-resistant, ideal for high-traffic areas.
- Versatile and durable.
- UV-resistant.
- Unaffected by water or humidity.
- Maintains elasticity at low temperatures.

#### Technical Data

	STONECARPET
Resin Consumption	1 kg resin / m <sup>2</sup>
Stone Consumption	17 kg stone / m <sup>2</sup>
Compression Strength	50-60 N/mm <sup>2</sup>
Temperature Resistance	-20° a 80°
Slip Resistance	Class M3
Reaction to Fire	M-1, according to UNE 23721:1990
Width	18 mm (2-6 mm) 9 mm (1-3 mm)

Finishing  
Options

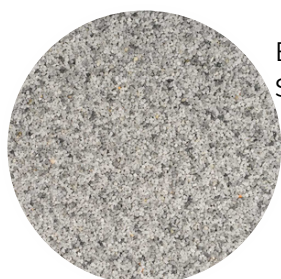
With the STONECARPET range, the variety of finishes is endless. Using only marble stone, we offer a wide palette of colors and grain sizes to adapt to any style and preference. Marble stones can be mixed, achieving endless possibilities.



White  
Size: 2-4 mm



Dark Grey  
Size: 1-3 and 2-6 mm



Blue Grey  
Size: 1-3 and 2-6 mm



Light Grey  
Size: 1-3 and 2-6 mm



Red  
Size: 1-3 and 2-6 mm



Marfil  
Size: 1-3 and 2-6 mm

## How to use

**Horizontal Installation****Surface Preparation**

Firm or concrete surface

Ensure that the surface is clean, dry, and free of dust, grease, or other contamination. Any cracks or irregularities must be repaired before beginning. Apply PREPOX (epoxy primer) to ensure a good bond and allow to dry for 12 to 24 hours.

**Surface to be Leveled**

If the surface is not leveled, it is recommended to smooth the surface and place a fiberglass mesh.

**Mixing the Material**

Component A must be thoroughly mixed and then mixed with component B using a low-speed electric mixer (300-400 rpm), taking care to prevent air from entering the mixture.

The aggregates must be mixed gradually, ensuring even distribution. The initial ratio is 1:17 between resin and stones.

Every 100kg of stone, it will be added in the mixing 25 kg of QUARTZ XL during the mixing.

**Applying the Coating**

STONECARPET 2C must be applied evenly over the prepared surface using specialized tools. It is important to work quickly to prevent the mixture from hardening before finishing. The surface must be compacted and smoothed, ensuring an even distribution of the stone aggregates and eliminating any air bubbles.

The tool must be constantly moistened with solvent to prevent the resin or aggregates from adhering, thus facilitating a smoother and more controlled application of the material.

**Curing and Finishing**

STONECARPET must be allowed to cure without getting wet for 48 hours.

**Interior Installation**

For interior applications, there are several changes to the process used indoors:

- The stone used is 1-3 mm in size.
- Once the STONECARPET is applied, it is sealed with STONECARPET SEAL to seal the surface and facilitate cleaning.

## How to use

**Vertical Installation****Surface Preparation**

Ensure that the surface is clean, dry, and free of dust, grease, or other contamination. Any cracks or irregularities must be repaired before beginning.

**Material Mixing**

For vertical surfaces, STONECARPET 2C POL WALL is used. Component A must be thoroughly mixed and then mixed with component B using a low-speed electric mixer (300-400 rpm), taking care to prevent air from entering the mixture. Keep in mind that the viscosity of the material for horizontal and vertical installations is very different.

The aggregates must be mixed gradually, ensuring even distribution. The initial ratio is 1:17 between resin and stones.

**Surface Priming**

Once the mixture is complete, the surface to be applied must be primed with the same mixture that will later be used to bond the stone.

This primer will facilitate the bonding of the stone once it is applied.

**Coating Application**

STONECARPET 2C POL WALL should be applied evenly over the prepared surface using specialized tools. It is important to work quickly to prevent the mixture from hardening before finishing. The surface should be compacted and smoothed, ensuring an even distribution of the stone aggregates.

The tool should be constantly moistened with solvent to prevent the resin or aggregates from adhering, thus facilitating a smoother and more controlled application of the material.

Due to the limited curing time, short application times are recommended.

**Curing and Finishing**

STONECARPET should be allowed to cure without getting wet for 48 hours.

**Note:**

The product should not be applied when the ambient or substrate temperature is below 10°C or above 30°C, or when the relative humidity exceeds 80%. The ambient temperature must be at least 3°C above the dew point to prevent haze or loss of gloss.

Since these resins cure quickly, work in small batches to prevent drying before application.

### Special Precautions

In case of contact with eyes, rinse with plenty of water for 15 minutes. In case of contact with skin, wash with soap and water. Do not eat. If swallowed, do not cause vomiting and seek medical attention immediately. It is recommended to comply with the following measures:

- Good ventilation
- Protective glasses to avoid splashes
- Rubber gloves

### Cleaning and Storage

Tools should be cleaned with water immediately after use. Once the material has hardened, it can only be removed by mechanical means.

The product should be stored in its original container, closed and protected from the elements, at temperatures between 10°C and 30°C, in a dry and well-ventilated place, away from heat sources and direct sunlight. The use time is 1 year from the date of manufacture, properly preserved.