

Pavistamp crete

Polyurethane resin-based mortar self-leveling mortar

Mortar self-leveling, based on polyurethane resins with antimicrobial treatment.



Product

- Excellent physical and chemical resistance.
- High resistance to abrasion.
- Resistant to all types of cleaning products.
- Does not raise dust.
- Smooth non-slip matte colored finish.

Performances (25°C – 50% H.R.)

- Application temperatures: 10-30°C
- Abrasion resistance): Class AR2
- Tensile strength: >12 N/mm²
- Adherence to support: >1.5 N/mm²

As a mortar (28-day results):

- Compressive strength: ≥60 N/mm²
- Flexural strength: ≥5 N/mm²

As self-leveling (results at 28 days):

- Compressive strength: ≥55 N/mm²
- Flexural strength: ≥5 N/mm²

**These results are standard test results and may vary depending on site conditions.*

Technical data

• Packaging	<u>As a mortar:</u> pack A+B+C - 31,81 kg <u>As self-leveling:</u> pack A+B+C - 17 kg
• Consumption	±2 kg/m ² (1 mm thickness)
• Color	Cement grey
• Smell	Ammonia
• Dosage (A+B+C)	Weight and volume: A=2,4 – B=2,5 – C=12,1
• Fire resistance	Classe 2
• Sliding resistance (with pendulum)	Dry: 70 Wet: 40
• Impact resistance	<0,5 mm (>1,8 mm) with 1 kg ball
• Curing time (50% HR)	
Light traffic	10°C:> 36hs 20°C:> 24hs 30°C:> 12hs
Heavy traffic	10°C: >72hs 20°C: >48hs 30°C:> 24hs
Antacid capacity	10°C: >1 day 20°C: >7 days 30°C:> 5 days
• Water permeability	Waterproof
• Water vapor permeability	At 4 mm thickness (24 hours): 5 g/m ²
• Tool cleansing	Water
• Preservation	In original closed container (5-35°C), protected from weather and humidity: 1 year Component B, very sensitive to air humidity.

Usage

- Agro-alimentary and chemical industrial pavements with heavy surface wear.
- Warehouse and commercial floorings subject to high traffic.

Support

- The support must have a mechanical resistance to compression >25 N/mm² and traction >1.5 N/mm².

Resistance

- Antimicrobial - Antimold
- The incorporation of antimicrobial additives in the mortar, provides excellent protection against fungi and bacteria very common in contact with soil, including the most harmful to health such as Salmonella, choleraesius, Listera, Esterichea Coli...

Support preparation

- Concrete floors must be solid, level, absorbent, not contaminated with oil, dust or other substances. The most suitable type of mechanical preparation should be carried out (abrasive machine, sander or pressure washer) and then, if necessary, a primer coat of **Pavex-2c primer + Quartz** should be applied.
- Oily surfaces should be thoroughly roughened and treated with a mixture of **Pavex-2c primer + Quartz** or over the freshly applied resin, sprinkle **Quartz** to saturation. The same solution can be adopted to smooth out irregularities in the substrate, such as grooves left by the roughing machine, to consolidate the base and ensure a guarantee of solidity.
- On new concrete with a setting time >28 days.

P.D.

- With this treatment the breathability of the coating is reduced.
- The tile bottoms must be roughened vigorously.
- The non adhered tiles must be eliminated, and restored with **Pavirapid**.
- The irregular surfaces can be smoothed by screeding with **Pavex-2C primer + Quartz**.

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self-leveling mortar

Application

- Prepare independently the mixture of Components **A+B+C**.

***As a mortar,**

Pack A+B+C: 31, 81 kg

***As a self-leveling,**

Pack A+B+C: 17 kg

- Pour comp.**A** into the comp.**B** container and mix with a whisk at low revolutions for 2 minutes, add comp.**C** (powder) and mix for at least 1 minute.

- To optimally disperse the product, it is advisable to pour the powder little by little, continuing to remix. Spread and distribute the mixture quickly with a trowel to the desired thickness.

Usage way



Mix components **A+B** with a whisk at low speed for at least 2 minutes, add component **C** (powder) and mix for approx. 1 minute, until perfectly homogenised.

The application can be done with a steel or rubber trowel.



Associated products

*Pavirapid

*Pavex-2C primer

*Quartz



Packaging

As a mortar: pack A+B+C - 31, 81 kg

As self-leveling: pack A+B+C - 17 kg

Color

Cement grey

Consumption

±2 kg/m² (1 mm thickness)

Preservation

In original closed container (5-35°C), protected from weather and humidity: 1 year

Component B, very sensitive to air humidity.

! IMPORTANT

The observations and prescriptions of this data sheet, although corresponding to our best experience, should be considered, in any case, purely indicative, and should be tested by exhaustive practical applications; therefore, before using the product, the user must establish whether or not it is suitable for the intended use, and assumes all liability that may arise from its use. Once the product has been handled or applied, the manufacturer shall not assume any claim whatsoever, nor any liability as to the manner, mode and conditions of application.