

Padec®

Colored mortar for stamped concrete

Cement, silica sand, mineral pigments and resins.



Observations

- The waiting times for application oscillate depending on the temperature, humidity and concrete kind.
- Protect all the easily stained zones with **Protector Pavistamp** (chests, kerbs, skirting...).
- With hot weather or wind use the superficial retarder **Bryten CH** to control quick humidity evaporation on the fresh concrete surface so that enables a perfect union between the mortar and concrete, avoiding the superficial fissures appearance.

Characteristics

- Application of Padec in 2 passes, on fresh concrete.
- The mortar must be fully integrated on the fresh concrete.
- Avoid wetting the concrete with water.
- In winter, accelerate the setting of concrete with **Hormidur-SC**.
- If necessary, in the first 24 hours approx. cut expansion joints.

Performances (6 kg/m2)

- Compression resistance: ≥ 45 N/mm²
- Bending resistance: ≥ 2 N/mm²
- Abrasion wear: ≤ 21 mm
- Water absorption by capillarity: 0,58 g/cm²
- Total water absorption: 7,0
- Freezing: Not freezing
- Behavior against fire: A1 euroclass

** These results are from standard essays and they can oscillate depending on the workplace conditions.*

Enforcements

- High resistance colored mortar to be applied on the fresh concrete. It allows the concrete molding offering a high hardness and durability treading layer.
- For traditional pavements decoration (cobble, wood...)
- Specially indicated for urban pavements, housing, parking...

Supports

- On fresh concrete.

Finishes

- More than 70 models.
- Models on demand.
- Stamping, smooth, striped and troweled

Recommendations

- Application temperatures 5°C to 35°C.
- In light tones, avoid application on fresh concrete with excess water by capillary lift, apart from increasing consumption (3-4 kg / m²), loss of resistance and the consequent discoloration of the pavement once dry.
- Do not add water to the product once the mortar has been applied to the fresh concrete.
- Avoid application with strong wind or direct insolation.

Execution conditions

- The base is properly compacted and it has obtained the approval from the Project management team to receive the concrete.
- The site management team or the property will always decide concrete thickness.
- Concrete will be manufactured in an authorized plant and will be transported in concrete mixer trucks within the next 30 minutes, it will have a cone of fall of 6.5 to 8 cm, to avoid the increase of slag and the segregation of granules.
- Avoid concrete with additive excess; these complicate the capillarity water rising stopping the concrete and mortar adherence.

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Usage way

1. In the minutes following the regularization of concrete, it is smoothed allowing water to rise by capillarity and ensure adhesion between concrete and mortar.
2. Application of **Padec** in 2 passes (recommended 4-5 kg / m²) and according to color.
3. Manual smoothing ensuring perfect adhesion of the product with the concrete.

With the concrete in plastic state apply the **Despi** that acts as a release agent and aging of the pavement.

In the setting process, it is textured with the molds chosen.

After 48-72 hours, remove the **Despi** with pressurized water and with the floor without water, apply 1-2 passages of sealing resin:

***F-250** water based (gloss)

***F-300** water based (satin)

***Racly-2** with humidity <4%

Associated products

*Despi

*F-300

*F-250

*Racly-2

*Bryten-CH

*Hormidur-SC

*Protector Pavistamp



Packaging

25 kg sack
1200 kg pallet (48 sacks)

Colors

20 colors chart

Consumption

4-5 kg/m² and depending on the color

Preservation

In the closed original container and sheltered from outdoor and humidity: 1 year

⚠ IMPORTANT

The observations and prescriptions of this technical sheet, even corresponding to our best experience, should be considered, in any case, purely indicative, and must be tested by exhaustive practical applications; Therefore, before using the product, whoever is going to do it must establish whether or not it is suitable for the intended use, and assumes any responsibility that may arise from its use. Once the product is handled or applied, the manufacturer will not assume any claim, nor will it be responsible for the form, mode and conditions of application.