

Padec Industrial Food 2C®

Mortar for food use pavement

Hydraulic binders, compensated grain size sand, mineral pigments, additives and glass fibers.



Product

- High chemical resistance
- Good anchorage on concrete
- Excellent abrasion resistance
- For agro-alimentary industry
- Markets, Preserve warehouses, Breweries...
- It holds fresh, salt and acid water immersions

Chemical resistance table

• Dry heat temperature:	130°C
• Wet heat temperature:	75°C
• Diluted acids	Resistance >3 years
• Diluted alkalis	Resistance >3 years
• Marine environment	Resistance >3 years
• Industrial environment	Resistance >3 years

Characteristics

- Over wet humid:<4%
- Mixture life: 40-50 minutes
- Open time: 20-30 minutes
- Thicknesses from 03 to 10 mm.
- Drying time: from 5 to 6 hours
- Commissioning: from 24 to 36 hours

** These times are with 20 °C contemplated. They can considerably oscillate depending on the ambient temperature.*

Performances (10 mm thickness)

- Bending resistance (28 days): ≥ 10 N/mm²
- Compression resistance (28 days): ≥ 70 N/mm²
- Adherence UNE-EN 13892-8: 1.3 N/mm²
- Slip resistance: class 3
- Impact resistance, UNE-EN ISO 6272-1:
 - **Height of fall: >1500 mm
 - **Value IR: IR=14,7 N-m
- Frost-thaw resistance with salts immersion UNE-EN 1339: 0.10 Kg/m² Class 3 Marking D
- Resistance wear Böhme: 10.8 cm³ / 50 cm²
- Behavior against fire: A1 euroclass
- Designation: CT-C60-F8-A10

*** These results are standard essays, 10 mm thickness over fresh concrete and they can oscillate depending on the workplace conditions.*

Enforcements

- High performances colored mortar, to be used in alimentary use industrial pavement, applied as a screed over existing high resistance concrete.
- The complete system (as screed) provides an anti-slip wearing course, completely waterproof and watertight with excellent abrasion resistance. It can hold heavy forklifts traffic and specific alimentary sector devices.
- Protects against erosion pavements subjected to heavy traffic.

Supports

- Cement bases.

Thickness

- From 03 to 10 mm (finished).

Finishes

- Polished, rustic, decorated.

Recommendations

- Application temperatures 5°C to 25°C.
- Respect always the same percentage from **comp B** during the kneading process.
- Respect perimeter joint (min. 5 mm) expansion joint and retraction joint with a cutting or decorative joint.
- Treat the singular zones (fissures...) with metallic mesh or glass fiber.
- Do not apply with direct insolation.

Execution conditions

- The existing support must be resistant, and its setting has to be completed. The support must be clean and without dust, paintings, oils...
- On non-absorbent supports (marble, granite...), mill, vacuum and apply **Pavex primer system**.
- In all cases, on new concrete (set> 28 days) or old and compression > 25 N / mm², mill the surface layer until the aggregate appears, aspirate and apply the **Pavex primer system**.
- Avoid wind streams during the application and 72 hours after the application.
- Do not apply **Padec ind. food 2-C**, over no guarantee or very deteriorated concretes.
- Avoid the application on surfaces with more than 25°C the temperature has to be measured on the pavement or with direct insolation
- Do not apply **Padec ind. food 2-C**, with capillary rising humidity possibility.

Padec Industrial Food 2C®

Mortar for food
use pavement

Usage way

Manual kneading:

- 25 kg of powder
- 3,5 l comp.B (liquid)

First spill the liquid above the dust until obtaining a homogeneous mass without lumps.

Apply the required thickness (3-10 mm) and smooth with the proper tool.

At the beginning of setting, perform the desired finish.

Optional sealed

To ensure maximum mechanical and chemical resistance, after 48 hours of the application of **Padec ind. 2-C food**, the sealing of resin to water

Paviplast epoxy in 3 passes will be applied, incorporating 20% of non-slip microspheres in the second pass.

The application between passes will be with intervals between 3-6 hours (touch drying).

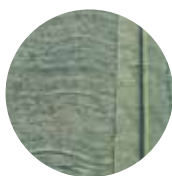
** The times can oscillate according to the ambient temperature.*



Trowelled



Polished



Striped

Associated products

*Pavex primer system

*Paviplast epoxi

*Microspheres

*Filmat-R

*Hormidur SC

*Protector pavistamp

*Bryten CH

*Fiberglass



Packaging

25 kg sack
1200 kg Pallet (48 sacks)
Comp. B 20 lt. drums.
480 lt. Pallets (24 drums)

Colors

Cement grey, red and green
(others on demand)

Consumption

±2 kg/m² and mm thick

Preservation

In original closed 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.