

Stencil Mortar

Fluid concrete coloured with siliceous aggregates

Ciment, aggregates of siliceous aggregates, fibres, organic and mineral additives.



Product

- Public and private works
- Thicknesses > 3 mm
- Very fast commissioning
- Color gamut

Observations

*Do not apply:

- On supports with humidity >4%.
- With ambient humidity >85%
- On wet soils subject to continuous moisture lifts.
- In degraded, fragile or unstable soils.
- On underfloor heating in service stop the heating 24 hours before and start up after at least 21 days after the work is finished, gradually following the start-up protocol.
- On mortars based on calcium sulfate or lime base.

Employment characteristics

- Kneading and pumped transport.
- Mass life: 10-20 minutes.
- Start of setting: 45 minutes.
- Drying to the touch: 5 to 7 hours.
- Walkable (pedestrian): > 8 hours.
- Dry polishing time: >4 days.
- The percentage of water may vary depending on the mixer used.

**These results are contemplated at 20°C and can vary considerably depending on the ambient temperature.*

Performances

- Kneading water (in laboratory): 12-16%
- Bending strength: > 5 N/mm²
- Compressive strength: > 40 N/mm²
- Wear UNE-EN 13892-4: 10 cm³ / 50 cm²
- Slip resistance according to CTE: Class 2-3
- Adhesion on concrete: > 1.1 N/mm²
- Adhesion on non-absorbent support with junction bridge: > 0.9 N/mm²
- Impact resistance, UNE-EN 12633;
 - **Drop height: >1500 mm
 - **IR value: IR=14.7 N·m
- Fire behaviour: A1 Euroclass

** These results are standard tests and may vary depending on the conditions of commissioning.*

Applications

- Concrete based on siliceous aggregates... for the formation of continuous soils, in new construction or rehabilitation.
- Public works, supermarkets, hotels, private works...
- Renovation of industrial floors.
- Moderate light and heavy traffic.
- Indoors and outdoors

Supports

- Fresh concrete, mortars and existing and forged concretes, of high compressive strength (> 25 N/mm²).
- On supports with humidity <4%.

Thicknesses

- Recommended >3 mm at all points.

Finishing

- Decorative, textured...

Application recommendations

- Application temperatures 10°C to 30°C.
- The percentage of water may vary depending on the mixer used.
- Always respect the same time and percentage of water during kneading.
- Do not add any additive to the concrete.
- Respect the minimum thicknesses required according to the type of support.
- Respect the perimeter joint (min. 5 mm), expansion (16-20 m²) and fractionation.

Conditions of execution

- The support must be solid and hard, dry, free of dust, disintegrated areas, paints, oils ...
- On fresh concrete, before pouring, apply 1-2 passes of **F-300** quick primer.
- Do not apply on cracked concrete, degraded or with the possibility of movements...
- On supports without absorption (marble, granite ...), mill, vacuum and apply **Pavex 2C primer** or **F-300**.
- In all cases, on concrete (set >28 days) or old and compression > 25 N / mm², mill the surface layer until the aggregate appears, vacuum and reinforce with hardening **Silicate**.
- Respect the expansion joints, work, by cutting or placing profile (maximum cloths, 16-20 m²).
- Avoid direct heat stroke, drafts, during and 72 hours after application.

Stencil Mortar

Fluid concrete coloured
with siliceous aggregates

How to use



- Kneading water: 12-16 %
- 1 bag of 25 kg: 3 - 4 liters.



***The dosage can vary considerably depending on the intensity of the chosen color and granulometry of the aggregate.*



Application of **F-300** (1:4) as a junction bridge.



Application 1 pass of **Stencil mortar**, to give background color throughout the pavement.



Placement of the texture coil.

Projected and smoothed of the **Stencil mortar** on the concrete fresco.

Once the pavement is dry, apply: *Water-based resin, **F-250** or **F-300** ≥ at 48h.no waterlogged water.

*Solvent-based resin, **Racly-2** ≥ to 28 days.

***Times may vary depending on the ambient temperature.*

*****ALWAYS** carry out previous test with the percentage of water that will be used later in production.

Associated products

- *Pavex 2C primer
- *F-300 / F-250
- *Racly-2
- *Silicate



Packaging

Paper sacks of anti-humidity 25 kg
Pallets (48 bags) 1200 kg

Colors

Range of 20 colors
Others on demand

Consumption

16 – 18 kg/m² and cm thick

Conservation

From the date of manufacture, in original closed container,
sheltered from the weather 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.