

Stone Feel Facades®

Hi-tech multifunctional mortar
100% recycled aggregates

Formulated with special cement base, recycled aggregates, organic additives, mineral pigments and glass fiber.



Product

- Textured-stamping, smooth, scraping finishes.
- Without mechanical deterioration to -30°C and < 800°C.
- Excellent dimensional stability.
- Good behavior to carbonation.
- Waterproof to rainwater.
- For new construction and rehabilitation.
- Ideal for projecting machine.

Observations

- Do not add any additive to the mortar.
- Do not apply in surfaces where water can remain stuck.
- Do not apply over facings where filtrations, capillarity water courses or water coating immersion possibility are to be previewed.
- Over mortar, stone, brick, degraded facades old supports, it is important to eliminate totally the existing mortar, cleaning the support with pressure water or sandblast.

Characteristics

- Rest time after the kneading: 5 min.
- Tolerated maximum thickness: 50 mm
- Layer maximum thickness: 25 mm
- Minimum thickness over **Revislant**: 5-7 mm.
- Minimum thickness over plaque: 10-12 mm.
- Time to texture: 30 -90 minutes.
- Dry to the touch (20 °C): 4 and 6 hours.

**These times can considerably oscillate depending on the kind of support and the ambient conditions.*

Performances

- Kneading water in laboratory: 21 %
- Adherence thickness from 1 cm: 0.9 Mpa
- Compression resistance (28 days): ≥18 N/mm²
- Bending resistance (28 days): ≥5 N/mm²
- Dimensional stability determination: 0.01%
- Thermal conductivity (10°C): 0,72 W/mK (P=90%)
- Water absorption: < 0,1 kg (m² min⁰⁵).
- Fire loss: >250 °C without mechanic deterioration.
- PH determination: 12.6
- Behavior against fire: A1 euroclass

***Essays according European norm UNE-EN-998-1, these results can oscillate depending on the workplace conditions.*

Enforcements

- **Multifunctional mortar** continuous with high technology 100% recycled aggregates, for facade decorative finish and protection against outdoors in outdoors / indoors.

Finishes

- Textured-stamping, structural thematic rock, smooth, scraping...

Supports

- Thermal isolating plaque (**XPS – EPS – WOOD FIBER...**), ceramic brick, concrete, concrete block, conventional mortar...

Recommendations

- Application temperatures from 5 to 30°C.
- **Over new enclosure, the mortar application will be superior to:**
 - Brick enclosure: > 28 days
 - Concrete block: > 60 days
 - Concrete spilt at the workplace:> 90 days
- During the mortar preparation, to avoid possible color changes, use always the same water percentage and mixture time.
- The water percentage can oscillate depending on the used mixer.
- Place the glass fiber or metallic glass in zones as different materials unions, floor structures, pillars, shutter boxes, frame angles and windows. The mesh has to cover in each side of the union, at least, 20 cm. being placed in the thickness coating center.
- Do not apply with rain risk, snow, strong wind, direct insolation...
- In the strong hot weather time, moisten before and after the mortar application.
- Do not stack up the sacks directly over the floor.

Execution conditions

- The supports have to be flat, healthy, stable and resistant, without dust, plaster, painting.
- Over new mortar, **Stone-Feel** application will be >20 days.
- Respect the mixture and rest time.
- In the hot weather time and with dry wind, a facing humidification has to be performed before and 24 hours after the coating application, in order to facilitate the monolayer cure and avoid the fissures and cracking appearance as well as the dust zones formation. The higher the temperatures, the more intensity for these phenomena.
- Over smooth facing and with no absorption, concrete walls... apply joining bridge **Ultimate**.
- Avoid mortar application with low temperatures, rain risk or frost-thaw possibility. In the hours following the application increases the efflorescence by carbonation appearance risk.
- Do not apply the **Dyes** during the setting process, rain risk or frost.