

Revex Plus

Traditional monolayer mortar

White cement, selected arid, organic additives and mineral pigments.



Product

- Pressed, scraping, troweled finish...
- Waterproof and breathable.
- Good workability.
- 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.
- Avoid applying 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.
- Consumption can oscillate depending on the facing condition and flatness to be.
- Do not apply with strong wind as it may alter the setting and possible color change.

Characteristics

- Rest time after the kneading: 5 min.
- Tolerated maximum thickness: 30 mm.
- Layer maximum thickness: 15 mm.
- Minimum thickness after the finish: 12 mm.
- Scraping time: 4-15 hours.

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

Performances (12 mm thickness)

- Clasification: OC CSIV W2
- Mixing water in the laboratory: 20%
- Mass density: 1,900 kg/m³
- Dry bulk density: 1,931 kg/m³
- Bending strength: ≥ 3 N/mm²
- Compressive strength: ≥ 6 N/mm²
- 24-hour water absorption coefficient: 5%
- Water permeability (ml/cm² 48 h) : 0.15
- PH determination: 10 \pm 1
- Behavior on fire: MO (non-combustible)

***Essays according European norm UNE-EN 9981, these results can oscillate depending on the workplace conditions.*

Enforcements

- Continuous monolayer coating for decorative finish in façades and protection against outdoors.
- Outdoors and indoors.

Supports

- Ceramic brick enclosure, thermal clay, normal concrete, concrete block, conventional mortar...

Recommendations

- Application temperatures from 5 to 30°C.
- The water percentage can oscillate depending on the used mixer.
- During the mortar preparation, use the same water percentage and mixing time to avoid possible color changes.
- In dark shades can increase deformations of thermal origin, increased risk of appearance problems and as a result, the formation of caleos.
- Place the glass fiber or metallic mesh in zones as union between different materials, floor structures, pillars, shutter boxes, frame angles and windows. The mesh must cover for each union side 20 cm. minimum and it has to be placed in the thickness coating center.
- In the cold weather time, the mortar setting accelerator **Hormidur – 100** can be used.

Execution conditions

- The supports must be flat, healthy, stable and resistant, without dust, plaster, painting...
- In the hot weather time and with strong wind, a facing humidification must be performed before and 24 hours after the coating application, to facilitate the monolayer cure and avoid the fissures and cracking appearance as well as the dust zones formations. The higher the temperatures, the more intensity for these phenomena.
- Over smooth facing or with no absorption, use quick primer **F-300** or 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 with direct insolation.

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Usage way



- **Manual kneading:**
1 (25kg) sack with 5 - 5,5 water liters until obtaining a homogeneous mass without lumps.



Apply the product until obtaining the desired thickness, minimum 12- 15 mm.
Regularize and smooth to obtain a good flatness.



Scraping finish:
Scrap with a scraper and brush softly the surface to eliminate the loose particles.



Pressed finish:
Project in a drop mode and in the setting process press with a plastic spatula.

Troweled finish:
During the setting process, the desired finish will be given, troweled, cleaned...

Associated products

- *F-300
- *Ultimate
- *Protect Facades: A and S
- *Hormidur-100



Packaging

25 kg sack
1200 kg pallet (48 sacks)

Colors

White and grey
(Others on demand)

Consumption

1.6 kg/m² and mm thickness

Preservation

In original container closed and protected from weather and humidity: 1 year

⚠ 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.