

# Revex Plus HD

## High performances monolayer mortar

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



### Product

- Resist frost-thaw with salts.
- Ideal for projecting machine.
- Pressed, scraping, troweled finish...
- Waterproof and breathable.
- For new construction

### 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.
- 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-troweling time: 4-15 hours.

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

### Performances

- Clasification: OC CSIV W2
- Mixing water in the laboratory: 20%
- Freeze-thaw with salts UNE-EN 1339/ UNE-EN 13748-2: 0.13 kg/m<sup>2</sup>
- Mass density: 1,900 kg/m<sup>3</sup>
- Dry bulk density: 1,931 kg/m<sup>3</sup>
- Bending strength:  $\geq 3$  N/mm<sup>2</sup>
- Compressive strength:  $\geq 6$  N/mm<sup>2</sup>
- 24-hour water absorption coefficient: 5%
- Water permeability (ml/cm<sup>2</sup> 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

- Mineral conventional coating for facades, walls... decoration and protection against outdoors.
- Frost-thaw resistant with salts.
- Indoors and outdoors.
- Special for projecting machine.

### 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.
- To avoid color change, always use the same water percentage. In dark tones, deformations of thermal origin may increase, increasing the risk of appearance problems and possible changes in tone.
- 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 formation. The higher the temperatures, the more intensity for these phenomena.
- Over smooth facing and with no absorption, concrete walls... use 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 strong wind or 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.

- **Projected:**

20-22 % clean water.



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

- **Scraping finish:**

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



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

## Associated products

\*Ultimate

\*F-300

\*Protect Facades-A

\*Hormidur-100



### Packaging

25 kg sack  
1200 kg pallet (48 sacks)

### Colors

White - Grey.  
(Others on demand)

### Consumption

1.6 kg/m<sup>2</sup> 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.