

Revistamp-R®

Lighten monolayer mortar

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



Product

- Waterproof to rainwater.
- Lighten 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.
- 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.
- Consumption can oscillate depending on the condition and flatness in the facing to be coated.
- 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: 50 mm.
- Layer maximum thickness: 25 mm.
- Minimum thickness after the scraping: 10 mm.
- Scraping time: 4-15 hours.

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

Performances

- Dust density: 1350 g/cm³
- Kneading water in laboratory: 28%
- Dynamic elasticity module: 7650 MPa
- Flexural strength: ≥ 2.5 N / mm²
- Compressive strength: ≥ 6 N / mm²
- Concrete support adhesion: 0.80 N / mm²
- Ceramic support adhesion: 0.75 N / mm²
- Capillarity absorption: 0.04 kg (m² min. 0.5)
- Water permeability: 0.27 ml / cm². 48 hours
- Determination of the PH: 12.8
- Fire behavior: MO (not combustible)

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

Enforcements

- Continuous monolayer coating for facade decorative finish and protection against outdoors in outdoors / indoors.
- Scraping, smooth, troweled finish...

Supports

- Ceramic brick, 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, to avoid possible color changes, use always the same water percentage and mixture time.
- In dark tones, thermic origin deformation, high aspect problems appearance risk and consequently chalking formation can increase.
- Place the glass fiber or metallic mesh 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.
- In the cold weather time, the mortar setting accelerator **Hormidur-100** can be used.

Execution conditions

- Glass fiber or metallic mesh placement in fissure risk zones.
- The supports have to be flat, healthy, stable and resistant, without dust, plaster, painting ...
- 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 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.
- Avoid application with direct insolation.