

Revistamp Thermal®

Lightweight mortar for thermal insulation

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



Product

- Very lighten.
- Texture finish. With 100% water-repellent dye.
- Flexible and breathable. 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 40 mm.
- Layer maximum thickness: 20 mm.
- Minimum thickness over plaque: 10 mm.
- Minimum thickness over brick: 12 mm.
- Texture time: 30 -90 minutes.

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

Performance (12 mm thickness)

- Powder density: 1,360 kg/m³
- Laboratory mixing water: 23%.
- Density of hardened product: 1,370 kg/m³
- Flexural strength: ≥3 N/mm²
- Compressive strength: ≥ 6 N/mm²
- Water absorption by capillary action (90 min.): 0.06 kg
- Adhesion to concrete: ≥ 0.75 N/mm²
- Adhesion to ceramic substrate: ≥ 0.8 N/mm²
- Permeability to water vapor on concrete block support 10 mm thick: 0.08 ml/cm². 48 h.
- Water vapor permeability of ceramic substrate 10 mm thick: 0.14 ml/cm². 48 h.
- Aging ultraviolet light (grayscale): Class 5.
- PH determination: 12.6
- Fire behavior: MO (non combustible)

*** Tests according to European standard UNE-EN-998-1, these results may vary according to the conditions of installation.*

Enforcements

- Lighten, flexible and continuous monolayer coating for the waterproofing, decoration and protection in the outdoors isolation systems.

Supports

- Thermal isolation plaque (**XPS – EPS – Wood fiber...**), ceramic brick, concrete, concrete block, **Revislant** mortar....

Enforcement tips

- 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 mesh all over the surface in the coating center.
- Do not apply **Dyes** during the setting process, rain risk or frost.
- In the cold weather time, the mortar setting accelerator **Hormidur – 100** can be used.

Conditions of execution

- The supports must be flat, healthy, stable and resistant, free of dust, plaster, paint ...
- Direct application on XPS, EPS, wood fiber, apply the union bridge **Ultimate + Mesh + Ultimate**.
- On **Revislant** mortar, traditional walls, are previously moistened to favor the cure of the mortar and prevent the appearance of cracks, as well as the formation of dusty areas, at higher temperatures these phenomena intensify.
- On walls without absorption, concrete walls ... use fast primer **F-300** or **Ultimate** bonding bridge.
- Avoid the application of the mortar with low temperatures, risk of rain or possibility of ice-thaw, in the hours that follow the application increases the risk of efflorescence from carbonation.
- Avoid application with direct sunstroke.

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Usage way



1. Xps, eps plaque.
2. **Revislant** + mesh
3. **Revistamp thermal**

- **Projected:**

± 25% clean water

- **Manual kneading:**

1 (25 kg) sack with 6–7 clean water liters, until obtaining a homogeneous mass and without lumps.



Texture finish: from 30 to 90 min. with the selected mold giving the definitive texture.

Once the **Revistamp thermal** is dry (> 7 days), the **Dye** can be applied to the water.

Optional: With Dye from 28 days.



Associated products

- *Pavitherm (sate)
- *Ultimate
- *Dye (water)
- *Hormidur-100
- *Dye



Packaging

25 kg sack
1200 kg pallet (48 sacks)

Colors

60 colors chart

Consumption

0.900 kg/m² mm thickness and depending on the support

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.