

Dry Mortar

Dry mortar ready to use

Mortar formulated based in white or grey cement, silica sand, selected arid and additives increasing the workability.



Product

- Water-repellent and breathable.
- For new construction and rehabilitation.
- Projectable with machine.
- Rendering and assembly.
- Plasters and whitewashes.

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.

Usage characteristics

- Rest time after the kneading: 2 min.
- Minimum thickness: 10 mm.
- Layer maximum thickness: 10 mm.
- Maximum thickness: 30 mm (layered 10 mm).

Performances (Siliceo - M-80) (12 mm thickness)

- Powder density: 1,4-1,7 g/cm³
- Kneading water: according ref in container
- Fresh mortar density: 1,9-2,2 g/cm³
- Workability time: 20-40 minutes
- Capillarity: 0.23 kg (m² min. 0.5)
- Compression resistance: ≥ 7 N/mm²
- Shear strength: ≥ 0.15 N/mm²
- Behavior against fire: A1

Performances (M-50) (12 mm thickness)

- Compression resistance: ≥ 5 N/mm²
- Flexural strength resistance: $\geq 1,3$ N/mm²
- Behavior against fire: A1

Performances (Proyactable) (12 mm thickness)

- Compression resistance: ≥ 4 N/mm²
- Flexural strength resistance: ≥ 1 N/mm²
- Behavior against fire: A1

** Essays according European norm, these results can oscillate depending on the workplace conditions*

Enforcements

- Dry mortar for general brickwork workplaces, stone masonry, plasters to receive painting, floor screeds, terrazzo pavements, heating floors ...
- Improve the traditional mortars characteristics and it can also be used for mechanic projection and allows receiving any kind of termination.

References

- Projectable: **M-80** (siliceous) and **M-50** (on request).

Supports

- Ceramic brick, concrete, concrete block...

Recommendations

- Application temperatures between 5 and 30°C.
- When preparing the mortar, use the same percentage of water and mixing time.
- Place fiberglass or metal mesh in areas such as joints between different materials, floors, pillars, blind boxes, angles of frames and windows. The mesh should cover on each side of the joint 20 cm. at least being centered on the thickness of the coating.
- In cold weather, the **Hormidur - 100** mortar setting accelerator can be used.
- Product formulated for mixing with additive in underfloor heating, minimum thickness 8 cm and according the manufacturer's instructions.

Execution conditions

- The supports have to be flat, healthy, stable and resistant, without dust, plaster, painting ...
- Glass or metallic fiber mesh placement in risky or fissures zones.
- 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 using **Ultimate** union bridge.
- 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.

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Usage way



Mixing water:

- **PROJECTABLE:**
±15 % of water.
- **SILiceous:**
3-4 liters per bag (25 kg).
- **M-80:**
3-4 liters per bag (25 kg).
- **M-50:**
3-4 liters per bag (25 kg).



Knead until dough is smooth, let stand 2 minutes and remix.

Moisten before and after the mortar application to avoid the fissures or appearance.

During the curing process make the desired finish.



Packaging

25 kg sack
1200 kg pallet (48 sacks)

Colors

White and grey
(Others a la carte)

Consumption

18-20 kg/m² and mm thickness

Preservation

In closed original container, protected from moisture
and the weather: 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.