

PERMA-COAT® COLOURED MORTAR

Product

PERMA-COAT® is a coloured water-resistant mortar with projected stone finish for coating facades and for decoration. It is applied by hand or by pump directly on the block/concrete work. PERMA-COAT® is rainwater-proof and permeable to water vapour. Available in a large variety of finishes. Ideal for interior and exterior applications (walls & ceiling).

Composition

Product based on high resistance cement, selected aggregates, special additives, pigments and synthetic resins, enhancing excellent bonding.

Features and applications

- To be applied directly on the blockwork. No need for a previous plastering.
- Suitable for both indoor and outdoor applications.
- Waterproof. Serves as an effective physical barrier against water or moisture action.
- Vapour permeable. Permacoat mortar has sufficient porosity to allow water vapour formed inside the walls to be released. That is, it allows walls to respire.
- Perfect adhesion support with no cracking.
- Light weight: with density values between 1kg/dm³ to 1.7kg/dm³.
- Wearing resistant: the mechanical strength of PERMA-COAT® mortar is sufficient for withstanding mechanical stresses (impact, wear, etc) which facades are normally subjected to.
- Fading resistant. No paint necessary.
- No maintenance required: even color throughout the thickness of the product. This means color cannot be lost by the possible detachment of surface layer as is usual in the case of paints. Dirt anchored in the facade can be removed by simple washing of the same.
- Rough or brush-floated finish.

Walls (substrates)

- Conventional cement and brickwork-based substrates.
- Walls must be resistant, stable, sound and clean, free of dust, demolding agents, organic products, etc.
- In case of hot or windy weather conditions or when applying over absorbent walls, it is advisable to wet the wall and wait till the thin layer of water disappears.
- All walls must have the appropriate flatness. In particular points (union between different materials, top slabs, pillars, roller blind boxes, angles in the door and window frames, etc), prepare the mortar with glass fibre mesh to avoid fissures.
- With low-porosity substrates, apply a priming coat (PERMAFLEX) or improve roughness by mechanical means.
- **Warning: Do not apply on clay or on paint.**

Instructions for use

MANUAL APPLICATION

- Add wáter and mix by hand or mechanically until it takes on an even and workable consistency.
- Spread the mixed product over the substrate with the use of a trowel.
- The mixture must be extended with a thickness of 12-15 mm, after marking the wall by using PVC wall strips/splines.
- It is advisable to apply a well compacted first layer of 2-3 mm to seal the substrate, and then spread the remaining material.

MECHANICAL APPLICATION

- Fix the optimum proportion wáter/mortar, according to the chosen pump (section and hose length) and external weather conditions. Start with 20% proportion and modify it gradually until you achieve the appropriate consistency.
- It is important to maintain the same variables affecting the features of the applied mortar (distance to the wall, angle of application and wáter proportion).
- Apply only under fresh conditions (morning and evening). Avoid extreme conditions under the sun when applied.
- Always wet the walls with wáter prior to application.

Cautions and recommendations

- Do not apply below 5°C nor above 30°C.
- Do not apply when there is a risk of rain, strong wind or direct sunlight.
- Due to changes in the raw material, the mortar tone might slightly vary from one batch to another.
- It is not advisable to apply on horizontal or sloped surfaces.
- For a thickness of over 2 cm, it is advisable to apply the product in two coats.
- The final mínimum thickness should be 10mm.

Packaging

25 kg plastic lined paper bags.

Shelf life: 1 year in sealed original packaging, sheltered from weather conditions and humidity.

Note

Instructions of use are given based on our testing and knowledge and do not imply any commitment. Said instructions do not free the user from examining and verifying the product for its correct use. The manufacturer's liability is limited to the value of the used goods.