

MORAMIX

General description:

- ✚ One-coat mortar
- ✚ Decoration and waterproofing of façades.
- ✚ Rain waterproof and permeable to water vapour.
- ✚ Especially prepared as a base for Marble Chips application.

Composition:

Product based on high resistance cement, selected aggregates, special additives, pigments and fiber.

Features and applications:

- ✚ To be applied directly on the brick work. No need for a previous splattering.
- ✚ To be applied outdoors.
- ✚ Waterproof cladding.
- ✚ Permeable to water vapour, allowing the substrate to breathe.
- ✚ No cracking.
- ✚ Wear and tear resistant. Fading resistant.
- ✚ No paint necessary. Excellent façade finishes in just one application.
- ✚ Finish with projection of aggregate (Marble Chips).

Substrates:

- ✚ Conventional cement and brickwork based substrates.
- ✚ Substrates 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 substrates, it is advisable to wet the substrate and wait until the thin layer of water disappears.
- ✚ 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 metal mesh to avoid fissures.
- ✚ With low-porosity substrates, apply a priming coat (glue) or improve roughness by mechanical means.
- ✚ Do not apply on clay or on paint.

Instructions for use:

MANUAL APPLICATION:

- ✚ Add water 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 0.8-1.2 mm, after marking the pieces by using PVC 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.



Cautions and recommendations:

- ✚ Do not apply below 5°C nor above 50°C.
- ✚ Do not apply when there is a risk of frost, rain, strong wind or direct sunlight.
- ✚ Due to changes in the raw material. The one coat mortar tone might slightly vary from one batch to another.
- ✚ Stone to be projected should be dry and free of dust.
- ✚ It is not advisable to apply on horizontal or sloped surfaces.
- ✚ For a thickness of over 1.2 cm, it is advisable to apply the product in two coats.
- ✚ The final minimum thickness should be 0.8 mm.

Types of finish:

MORAMIX – Finish with projection of aggregates:

Once the surface has been levelled and before the superficial coat is dry, apply the Marble Chips and press with the trowel to achieve the same level for aggregates and mortar.

Yield:

PRODUCT	DESCRIPTION	FINISH	EFFICIENCY- Kg/m ²
MORAMIX	One-coat lining, constant, light, coloured apply direct on the Bricks, Blocks or Concrete	Projection of Marble Chips	15±1
MORAMIX	One-coat lining, constant, light, coloured, apply on plaster (sand-cement mortar coat)	Projection of Marble Chips	11±1
AGGREGATE TO PROJECT	Marble Chips for façade covering	Projection of aggregate	10±1
PVC SPLINES	Length 2.4 M x Thickness 3 MM x Width 2 CM or 3 CM or 4 CM	Projection of Marble Chips	

Note: Special Crushed glass can be added to marble chips if it ordered by client.
Note: Efficiency per 10 mm. of thickness

PVC SPLINES WHEN APPLICATION:

PVC Splines used when application must respect a maximum distance between them:

Between vertical joints: 7 m.

Between horizontal joints: 2,20 m.

Structural joints should be respected.

TECHNICAL DATA (under LAB conditions i.e. 20° C and 60% humidity):

Filler	marble powder 1.5 mm
Binder	Portland cement (150 Astm)
Apparent density of paste,	1.35, kg/m ³
Open time	60 min
Resistance to compression (28days)	8 MPa
Resistance to flex tension (28 days)	2MPa
Capillarity	0.6
Pull of test	Mpa 0.5

Shelf life:

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



Packaging:

20 kg plastic-lined paper bags

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.