



**Morteros Reunidos, S.L.U.**



2286

Año 2013

Nº CE: 2286/CPF/019/13

UNE-EN 998-2:2012

M2.5, M5, M5 Blanco, M7.5,

M7.5 Blanco y M10

## M-5 WATERPROOF

Waterproof pre-blended mortar for bricklaying traditional works, it is easily on-site installed (excellent workability), it also has a great plasticity and a high output. This product is for flooring and filling tasks, which require good resistances.

### Applications.

- Bricks buildings, both inside and outside.
- Blocks buildings, both inside and outside.
- Fired clay blocks buildings, both inside and outside.
- Floor screeds, both inside and outside.
- Floor patching, both inside and outside.
- Walls patching, bricks and concrete making which do not require high provisions. both inside and outside.
- Lime pieces buildings, both inside and outside.
- Tiles, both inside and outside.

### Materials needed.

- Fired clay bricks.
- Fired clay blocks.
- Concrete blocks.
- Lime pieces.
- Tiles.
- Terrazzo floor tiles.

### Recommendations.

- To apply the product over clean surfaces, dust clear, paint, plaster, remove an easily displaceable architectural features or any other product which avoid adherence with the mortar.
- The architectural feature must be free from soluble water salts which can affect not only the production of efflorescence but its own adherence.
- Also, the surface of the architectural feature should be dampened before the mortar application, and then irrigate it for its own hardening, especially if the feature has any type of sun or wind exposure.
- Do not use the product in temperatures under 5 degrees, or over 35 degrees. Likewise, do not apply outside during windy or rainy conditions.
- Do not apply the product with bricks or small pieces which towards the mortar had any type of adherence waterproof zones.
- Before mixing the product, add to the dry product the recommended water quantity, until its completely dissolves.

### Technical data.

Composition: chemical binders, selected aggregate grading sand <2.5 mm and selected additives

Compression resistance:  $\geq 5.5$  N/mm<sup>2</sup>.

Riven resistance:  $\geq 0.15$  N/mm<sup>2</sup>.

Water vapor permeability:  $\mu 15-35$  (tabulate value UNE-EN 1745).

Thermal conductivity: 0.52-0.65 W/mk (tabulate value UNE-EN 1745).

Obvious powder density: 1400±50 Kg./m<sup>3</sup>.

Obvious hardening density: 1800±50 Kg./m<sup>3</sup>.

Mixing water: 12÷16% of the mass mortar.

Fire reaction: Euroclase A1.

Dry consumption: 1700 Kg/m<sup>3</sup>.