



MALTA GREZZA GM

Ready mixed wet coarse mortar

RIALTO MALTA GREZZA GM is composed of slaked lime which is left to rest for 3 months. This mortar is obtained by means of firing river pebbles in a wood oven, after mixing with selected silica sand in the correct granulometric proportion. Its composition is calibrated to obtain plaster allowing optimum adhesion of lime-based finishes, both with regard to thickness and shade.

Adding **RIALTO COCCIOPESTO CC** when using **RIALTO MALTA GREZZA GM** leads to a hydraulic reaction which improves its characteristics and therefore increases mechanic, chemical and physical resistance more quickly.

RIALTO MALTA GREZZA GM and **RIALTO COCCIOPESTO CC** are natural products and contain no traces whatsoever of cement or any other additive.

PROPERTIES

RIALTO MALTA GREZZA GM, used either on its own or with **RIALTO COCCIOPESTO CC**, is marked by the following characteristics:

- it is applicable for a considerable amount of time: mortar mixed in the morning may be used throughout the day
- **RIALTO MALTA GREZZA GM** is highly plastic: this avoids waste and reduces application time both in manual and machine-assisted spreading
- it has remarkable adhesion properties
- it is permeable by water vapour: its macro porous structure allows walls to breathe, which prevents plaster from becoming loose and condensation from building up inside walls
- it is resistant to mould
- its elastic module is very low. As a result, **RIALTO MALTA GREZZA GM** adheres to all surfaces, therefore reducing cracking to the lowest degree
- it is resistant to compression: 35 kg/cm² after 60 days - 62 kg/cm² after 180 days
- specific gravity: 1.6 Kg/l
- pH: > 11.5

Color of product when dry: light grey.

Color of product with added **RIALTO COCCIOPESTO CC**: light pink.

PURPOSES

Thanks to its composition, obtained in accordance with the most rigorous traditions, **RIALTO MALTA GREZZA GM** is marked by unique and indispensable characteristics for plastering walls and old constructions.

The use of natural materials and the exclusion of any synthetic or cement derived additives makes **RIALTO MALTA GREZZA GM** perfectly compatible with Natural and Biological Architecture.

This product is ideal for:

- conservation work carried out on buildings (plaster, bedding).
- exterior and interior masonry surfaces in new buildings.
- bedding mortar between insulating bricks to prevent thermal dispersion.
- projects complying with the criteria of Bio-ecological Architecture.

Prior to use, all surfaces should be clean and suitably dry. Under these conditions, **RIALTO MALTA GREZZA GM** used either on its own or with **RIALTO COCCIOPESTO CC** may be applied on the following surfaces:

- standard and thermo insulating bricks;
- stone;
- concrete;
- reinforced plaster boards.

WORKING INSTRUCTIONS

- remove all loose material and fill in holes using **RIALTO MALTA GREZZA GM** mixed with **RIALTO COCCIOPESTO CC**.
- remove all traces of chalk from wall.
- dampen or wet surface in order to reduce and harmonize the wall absorption
- mix 4 kg of **RIALTO COCCIOPESTO CC** with every 30 kg bag of **RIALTO MALTA GREZZA GM**. Do not use grinding mixer so as not to ruin the pre-determined granulometry of the aggregates.
- apply a thin layer (3 - 5 mm) and leave to dry for at least 24 hours. If you wish to apply a thick layer of mortar, you are advised to apply a series of 1 - 1.5 cm layers until you reach the desired thickness. Leave each layer to dry completely before applying next one. Drying time depends upon weather conditions and the particular kind of surface (at least 2 - 3 days).
- should cracks appear in the wall, they can be eliminated very easily by using a trowel, even after one day, thanks to the product's high degree of elasticity. Use **RIALTO MALTA FINE FM** to fill any remaining cracks.
- apply a finishing layer of **RIALTO MALTA FINE FM** after the coarse layer has been left to dry for at least 5 - 6 days.
- if application of **RIALTO ANTIQUA 1** or **RIALTO EPOCA OTTOCENTO** is requested, leave the coarse layer to dry for at least 1 month, then apply a coat of siloxane sealer **RIALTO ISOCAL** as basecoat to the final lime finish
- do not apply **RIALTO MALTA GREZZA GM** when temperature of the wall or the air is lower than 7°C (44°F) or higher than 35°C (95°F).
- lime is irritant, protect eyes and skin when using this product. In case of prolonged contact, rinse well with water.

COVERING CAPACITY

Coverage of **RIALTO MALTA GREZZA GM** per square metre and per centimetre in thickness totals 16 kg (8.1 lb/sq.ft./inch).

Coverage of **RIALTO MALTA GREZZA GM** with **RIALTO COCCIOPESTO CC** per square meter and per centimeter in thickness totals 14 kg (**RIALTO MALTA GREZZA GM**) and 2 kg (**RIALTO COCCIOPESTO CC**).

PACKAGING

RIALTO MALTA GREZZA GM: 30 kg plastic bags.

RIALTO COCCIOPESTO CC: 25 kg plastic bags.

Keep this product away from strong acids. If stored for more than 18 months, this product should not be exposed to temperatures lower than 5°C (41°F) or higher than 35°C (95°F).

REFERENCES

For further information regarding the product mentioned in the text, see the following technical sheets:

RIALTO MALTA FINE FM

RIALTO ANTIQUA

RIALTO EPOCA OTTOCENTO

RIALTO ISOCAL



For further help or information regarding the products in the **RIALTO** range contact your local dealer.

Every care has been taken to ensure that the information provided in this technical data sheet is accurate. **Harpo** is unable to guarantee results as it has no control over the conditions under which its products are applied.