



WALLCEM GRIGIO

Levelling rendering - grey

RIALTO WALLCEM GRIGIO is composed of Portland cement, aluminum cement, hydrated lime, sand, and selected additives. It is recommended to patch, repair, and level walls and ceilings.

PROPERTIES

RIALTO WALLCEM GRIGIO is marked by and stands out for the following characteristics:

- it allows maximum breathability: 790 g/m² - 24h (DIN 53122 Regulations), $\mu=18$, Sd=0.027 m
- it has excellent weather-resistance
- it has a high hiding power
- does not shrink on pre-existing plaster surfaces, structural concrete walls and ceilings, prefabricated concrete walls
- it has excellent surface adherence
- it is easy to apply
- it is abrasion resistant
- it is non-flammable and non-toxic (EC Regulations)

PURPOSES

- **RIALTO WALLCEM GRIGIO** is the ideal product to:
- level and finish walls with an absorption treatment. The product is specially suited as an undercoat before the application of mineral products such as **RIALTO EPOCA SPATOLATO**, **RIALTO EPOCA MARMO**, **RIALTO EPOCA OTTOCENTO**, **RIALTO ANTIQUA** and siloxane products such as **RIALTO DOMOSIL** and **RIALTO SILOXANE THICK COATINGS**, **RIALTO VELASIL**
- final leveling of partially restored plaster surfaces
- it is a suitable finishing product for exterior and interior surfaces and gives the decorative appearance of fine white plaster
- it can be applied on concrete and reinforced concrete prefabricated elements, lime and cement-based plaster, cellular and expanded concrete

WORKING INSTRUCTIONS

thoroughly clean the surfaces to be treated removing any loose material

- for the restoration of slightly friable or dusty plaster, a coat of **RIALTO PRIMER** diluted with 1:8 water should be applied first
- evenly dampen new plaster and reinforced concrete before applying **RIALTO WALLCEM GRIGIO**
- in a clean receptacle, mix 1 part of water and 2.5 parts of **RIALTO WALLCEM GRIGIO** until a creamy mortar of workable consistency is achieved
- let stand at least 5 minutes before application
- **RIALTO WALLCEM GRIGIO** must be applied within 50 minutes of mixing, at a temperature of 20°C (68°F)
- **RIALTO WALLCEM GRIGIO** will solidify in two hours by hydration and drying
- maximum thickness that can be applied in one coat: 5 mm
- for surfaces with expanding cracks, mix 1 part of **RIALTO MATONAL**, 4 parts of **RIALTO WALLCEM BIANCO** and 1 part of water (quantity in volumes), incorporating between the cracks **RIALTO FIBRATEX** (fiberglass)
- do not apply **RIALTO WALLCEM BIANCO** with temperatures below 7°C (44°F) and never on surfaces either frozen or overheated by the sun
- store product in a dry place, arranged on pallets, for not longer than 12 months
- dispose of product with care
- dispose of waste through authorized waste disposal services

COVERING CAPACITY

Average covering capacity is 1.2 kg/m² (2.2 lb/sq.yd/mm) for each mm of desired thickness.

PACKAGING

RIALTO WALLCEM GRIGIO is available in 25 kg waterproof reinforced paper sacks.

REFERENCES

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

RIALTO MATONAL

RIALTO PRIMER

RIALTO EPOCA OTTOCENTO

RIALTO ANTIQUA

RIALTO EPOCA SPATOLATO

RIALTO EPOCA MARMO

RIALTO DOMOSIL

RIALTO VELASIL

TECHNICAL CHARACTERISTICS

Hardening start times	50 minutes
Hardening finish time	120 minutes
Freshly poured mortar specific gravity	1.7 kg/l
Compression strength	after 3 days 60 kg/cm ² after 28 days 150 kg/cm ²
Flexural strength	after 3 days 25 kg/cm ² after 28 days 50 kg/cm ²
Penetration strength (10 mm thickness)	after 1 day 40 kg/cm ² after 5 days 160 kg/cm ²

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.