



MATONAL

Multipurpose reinforced latex for lime-and-cement mortar

RIALTO MATONAL is a latex for cement-based building material. It is composed of a highly elastic thermoplastic binder, mineral aggregates with a specific granulometric curve, special additives and alkali-resistant synthetic fibers for the reinforcement of the mixture.

PROPERTIES

RIALTO MATONAL is added to sand and cement, as directed, to obtain a mortar with the following characteristics:

- it allows adhesion to the most difficult surfaces
- it does not shrink
- it improves the workability of the mixture for the easier application.
- it reduces the risk of crack formation, even if thin layers (3 mm minimum) are applied
- it has higher plaster elasticity
- specific gravity: 1.15 ± 0.02 kg/l
- pH: 6.0 ± 0.5
- viscosity: $\pm 7,200$ mPas
- dry residue: $46 \pm 1\%$ by weight.

Maximum mechanical strength can be reached 27 days after application.

PURPOSES

Mixtures made with **RIALTO MATONAL** are used for the fixing (see formulation "A" in the chart at the end of this technical sheet) and coating of insulating panels embedding the fiber net **RIALTO FIBRATEX** (see formulation "B"), for the insulation of exterior and interior surfaces and for the restoration of old building facades (see formulations "B" and "C").

Provided the surfaces are clean, dry and free of greasy marks, the mixtures prepared with **RIALTO MATONAL** can be applied to the following:

- insulating panels (as a fixing or leveling agent)
- rustic plasters
- decorative bricks
- prefabricated panels
- concrete
- fine plasters
- plastic coatings

WORKING INSTRUCTIONS

- obtained mixtures can be easily applied using a stainless steel trowel, spreading the plaster with even thickness and leveling it off when it starts hardening
- for the restoration of old, dusty or friable plaster, a coat of **RIALTO STABILIZER** should be applied first.
- if the surface of insulating panels is dusty (for example, panels left in the sun for several days), a coat of **RIALTO PRIMER** diluted with 1:6 water should be applied first.
- wash trowel with water from time to time taking care not to wet the surface
- when product is left to dry, protect the surface from direct sunlight, rain and frost
- do not apply in rainy or windy weather, when temperatures are below 7°C (44°F) or higher than 30°C (86°F) and never on surfaces either frozen or overheated by the sun or in case of strong wind
- dispose of product with care
- dispose of waste through authorized waste disposal services.

COVERING CAPACITY

For **RIALTO MATONAL** covering capacity, see the chart at the bottom of this page ("Suggested formulations"):

PACKAGING

RIALTO MATONAL is available in 20 l containers.

REFERENCES

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

RIALTO STABILIZER

RIALTO PRIMER

ELASTOMERIC TREATMENT LEAFLET

SUGGESTED FORMULATIONS

PURPOSE	blend mixture type	RIALTO MATONAL	cement 325	sand	sand max size	water	consumed product quantity liter. mm/mm ²
Mortar for fixing insulating panels	A	2	3	3	0.5 mm	a.n.	0.250
Fine mortar for plastering overinsulating panels and cracked surfaces	B	2	3	4	0.6 mm	a.n.	0.220
Mortar for scratch coats on bricks, stone, concrete, plaster, prefabricate panels, etc. Mortar for patches, corners, moulding, etc.	C	2	3	6	2 mm	a.n.	0.180

Quantity in volume "a.n." as needed, to obtain desired workability

ELASTOMERIC TREATMENT
restoration systems for surfaces subject to cracks

MENT

HICK COATING
a protection of concrete or brick facades subject to cracks.

RIALTO MATONAL is a flexible product based on a thermoplastic resin and aggregate of perlite, characterized by a high modulus of rupture and resistance to high temperatures. It is used for the repair of cracks up to 2 mm wide with a maximum depth of 10 mm. It is applied to a maximum thickness of 1.2 to 2 mm.

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Application on cracks up to 0.5-mm-wide
Clear the surface of any traces of dust or grease... Apply one coat of... RIALTO MATONAL... RIALTO FISHER... RIALTO DOMOSIL... RIALTO THICK COATING

Application on cracks up to 2-mm wide
Clear the surface of any traces of dust or grease... Apply one coat of... RIALTO MATONAL... RIALTO FISHER... RIALTO DOMOSIL... RIALTO THICK COATING

	For cracks = 0.5 mm	For cracks = 2 mm
primer	8 m ² /l	10 m ² /l
THICK COATING	2 kg/m ²	2 kg/m ²
SD 1 - CARBO 2 SILICOMANCO	3.3 kg/m ²	3.3 kg/m ²
RIALTO - THICK COATING	1.7 kg/m ²	1.7 kg/m ²
RIALTO - THICK COATING	1.3 kg/m ²	1.3 kg/m 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.

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The Quality Management System of HARPO spa meets the requirements of UNI EN ISO 9001:2000. Certificate No. IT03/0851