



UNION MAT

Matt acrylic coating for interiors and exteriors

RIALTO UNION MAT has a smooth matt decorative effect. It is mainly composed of an acrylic terpolymer (resistant to alkalis of cement-based substrates), aggregates such as silica and silicates (highly weather-resistant), selected pigments, special additives and a broad-spectrum anti-mould compound.

PROPERTIES

RIALTO UNION MAT is marked by and stands out for the following characteristics:

- it has good elasticity even at low temperatures
- it is water-repellent
- it is water vapor permeable:
200 g/m² - 24h (ASTM-E96 Regulations);
 $\mu= 465$; Sd = 0.12 m
- it has excellent surface adherence (>8 kgf/cm²)
- it is highly resistant to atmospheric agents
- it is ready to use
- it is easy to apply using either a brush, roller or spray
- it is non-flammable
- it is abrasion resistant (>8,000 Gardner cycles)
- specific gravity: 1.46 ± 0.2 Kg/l
- pH: 8 ± 0.3
- viscosity: 9,000 ± 500 mPas
- dry residue: 56 ± 1% by weight.

PURPOSES

RIALTO UNION MAT is ideal for:

- giving exterior walls a long-lasting protective treatment
- giving walls a mat decorative effect
- creating a long-lasting clean appearance
- protecting surfaces from atmospheric agents
- making exterior and interior surfaces breathable and water-repellent
- providing an anti-mould permanent protection to substrate

Provided the surfaces are sound and dry, after proper preparation, **RIALTO UNION MAT** can be applied to the following substrates:

- fine plasters
- decorative concrete
- decorative bricks
- old paints
- plasterboards
- gypsum
- prefabricated panels

WORKING INSTRUCTIONS

- prepare scaffolding so as to allow continuous application until architectural impediments are encountered (string-courses, corners, joints, etc.)
- clean thoroughly the surfaces to be treated, removing any loose material
- expanding cracks should be filled with **RIALTO INTONAL** incorporating **RIALTO FIBRATEx** (fiberglass)
- if necessary, level off with **RIALTO SATINAL**
- walls covered with mould should be treated first with **RIALTO SX 5911** to insure maximum effectiveness of the fungicide contained in **RIALTO UNION MAT**
- on exterior surface, apply a coat of **RIALTO STABILIZER** and allow at least 24 hours before coating the wall with **RIALTO UNION MAT**
- on interior new plaster, gypsum, old paint or friable surface, apply a coat of **RIALTO PRIMER** diluted with 1:6 water and allow at least 12 hours before applying **RIALTO UNION MAT**
- apply second coat of **RIALTO UNION MAT** after at least 12 hours, diluting to 20% with water if applied by brush or to 15% if applied by roller
- **RIALTO UNION MAT** is not intended for application on bricks with evident saltpeter or water stains
- clean brushes and equipment with water immediately after use
- do not apply in rainy weather, when temperatures are below 7°C (44°F) and never on surfaces either frozen or overheated by the sun
- protect product in the container from frost and temperature above 35°C (95°F)
- dispose of product with care
- dispose of waste through authorized waste disposal services.

COVERING CAPACITY

Average covering capacity is 5-6 m²/l (200-240 sq.ft./gal) for two coats but it may vary depending on the substrate nature and absorption rate.

PACKAGING

RIALTO UNION MAT is available in 4 l containers (white color also in 15 l containers)

COLOR RANGE

RIALTO UNION MAT is available only in white color.

Custom colors (pastel colors only) are available at extra cost, depending on the shade. A sample of the color must be provided. Minimum quantity: 75 l.

RIALTO UNION MAT P-2075 (white base) can be tinted with **RIALTO INORGANIC TINTING PASTES** with a max suggested quantity of 7% by weight.

Product of the same batch number should be used for a job.

REFERENCES

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

RIALTO STABILIZER
RIALTO INTONAL
RIALTO SATINAL
RIALTO PRIMER
RIALTO SX 5911

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.