

# rialto velasil



High permeable siloxane veiled-effect for interiors and exteriors

**rialto velasil** provides a smooth and cloudy opaque effect. It is a single can product made from oligomeric siloxanes, a permanent dry-film preservative, selected aggregates in the correct granulometric proportion, and UV-resistant pigments.

## PROPERTIES

**rialto velasil** is marked by and stands out for the following characteristics:

- it allows surfaces to breathe: Class V1 >250 g/m<sup>2</sup> - 24h (UNI EN ISO 7783-2)
- it is water repellent and weather-resistant
- it is resistant to alkalis and acid rain
- it is wah resistant
- it has remarkable adhesion properties (40 kgf/cm<sup>2</sup>)
- it is resistant to UV rays (7 on the blue scale)
- it can be applied by brush
- it is not harmful
- it is non-flammable
- resistance to abrasion: > 5,000 Gardner cycles (undiluted)
- specific gravity: 1.22 ± 0.02 kg/l
- pH: 8 ± 0.2
- viscosity: 5,000 ± 500 mPas
- dry residue: 55 ± 2% by weight

## PURPOSES

**rialto velasil** is particularly suitable to provide facades with a decorative effect and permanent protection against the damaging effect of water and acid rain, while allowing surfaces to breathe. This product provides an opaque finish and a slightly glazed effect. Thanks to its characteristics and appearance, this product is ideal for new buildings and constructions where surfaces must be made water-repellent, but also allowed to breathe by a product granting a glazed effect.

Provided the surfaces to which the product is to be applied are firm and perfectly dry, **rialto velasil** can be applied as a finish over the following products:

- **rialto antiqua**
- **rialto domosil**
- **rialto epoca ottocento**
- **rialto marina**
- **rialto mediterraneo**

## WORKING INSTRUCTIONS

### Exteriors:

- prepare scaffolding so as to allow continuous application until architectural or structural barriers are reached
- in order to make the surface perfectly water-repellent and to prevent salt from forming, apply a coat of **rialto isocal** on well dried concrete, new bricks and plaster made with lime-and-cement mortar (seasoned 28 days at least)
- if the surface is dusty or too absorbent, apply a priming coat of anti - efflorescence **rialto durasil** and leave for at least 28 hours before applying the finishing coat
- apply a coat of **rialto isocal** on new plaster made with lime-based mortar to full absorption, provided at least two months have passed since the plaster was applied

- remove all loose material from old, damaged plaster and smooth down surface with **rialto wallcem**. Apply a coat of **rialto isocal** to full absorption
  - remove any salt formation from brick or concrete surfaces and apply a coat of **rialto isocal** to full absorption
- after at least two days apply:
- a coat of **rialto antiqua** and two coats of **rialto velasil** or
  - a coat of **rialto domosil** and two coats of **rialto velasil** or
  - a coat of **rialto epoca ottocento** and two coats of **rialto velasil** or
  - two coats of **rialto marina** and two coats of **rialto velasil**
  - a coat of **rialto mediterraneo** and two coats of **rialto velasil**
  - use a wet brush to apply **rialto velasil** 35% diluted with water by volume. Cross brush strokes when applying product
  - mix product thoroughly when diluting
  - do not apply product when it is raining or when temperatures are lower than 7°C (44°F) or higher than 30°C (86°F) and relative humidity of the air >75%. Never apply product to frozen or overheated surfaces or in windy weather
  - protect the newly applied coat from heavy rain for about 48 hours

### Interiors:

- apply a coat of **rialto domosil bianco** as a primer on new plaster or **rialto wallcem**
  - apply a coat of **rialto primer** diluted with water (1:7) before applying **rialto domosil** to old, dusty paint or plasterboard.
  - Finish surface with two coats of **rialto velasil**
  - use a wet brush to apply **rialto velasil** 35% diluted with water by volume. Criss-cross brush strokes when applying product
  - mix product thoroughly when diluting
  - clean brushes and any other tool with water immediately after use
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- store product in its original container at temperatures ranging from 5 °C (41 °F) to 40 °C (104 °F)
  - dispose of product with care
  - dispose of waste through authorized waste disposal services

## COVERING CAPACITY

The average spreading rate of **rialto velasil** is 15 m<sup>2</sup>/l (68 sq. yd/gal) for two coats. The spreading rate is calculated on finished plaster and varies according to the porosity of the surface to be treated.

## PACKAGING

**rialto velasil** is available in 1 l and 4 l containers.

## COLOR RANGE

**rialto velasil** is available in a transparent base (base 450) and can be tinted and can be tinted with **rialto inorganic tinting pastes**. The suggested % of colorants for std shades may vary from 0,3 to 0,6 %. Higher rates can make **rialto velasil** more hiding reducing the typical veiled appearance of the product.

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 antiqua**  
**rialto domosil**  
**rialto durasil**  
**rialto epoca ottocento**  
**rialto isocal**  
**rialto marina**  
**rialto mediterraneo**  
**rialto primer**  
**rialto wallcem bianco**  
**rialto mediterraneo catalogue**  
**rialto velasil leaflet**

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. **rialto** is unable to guarantee results as it has no control over the conditions under which its products are applied.

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