



VELASIL

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, permanent anti-mould agents, selected aggregates in the correct granulometric proportion, and pigments resistant to UV rays.

PROPERTIES

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

- it allows surfaces to breathe:
>250 g/m² - 24h (ASTM-E96 Regulations)
- it is water repellent and weather-resistant
- it is resistant to alkalis and acid rain
- it can be washed
- it has remarkable adhesion properties (40 kgf/cm²)
- it is resistant to UV rays (7 on the blue scale)
- it prevents mould forming
- it can be applied by brush
- it is not harmful
- it is non-flammable
- resistance to abrasion: 10,000 Gardner cycles
- 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**



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:
 1. a coat of **RIALTO ANTIQUA** and two coats of **RIALTO VELASIL** or
 2. a coat of **RIALTO DOMOSIL** and two coats of **RIALTO VELASIL** or
 3. a coat of **RIALTO EPOCA OTTOCENTO** and two coats of **RIALTO VELASIL** or
 4. two coats of **RIALTO MARINA** 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

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. Cross brush strokes when applying product
- mix product thoroughly when diluting
- clean brushes and any other utensils with water immediately after use
- store product in its container in a dry place at temperatures of at least 5°C (41°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 m²/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 4 l containers.

COLOR RANGE

RIALTO VELASIL is available in 7 colors in addition to the transparent base (Base 400).

RIALTO VELASIL base 400 (transparent base) can be tinted with **RIALTO INORGANIC TINTING PASTES** with a max suggested quantity of 3% 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 PRIMER
RIALTO EPOCA OTTOCENTO
RIALTO ANTIQUA
RIALTO ISOCAL
RIALTO WALLCEM BIANCO
RIALTO DOMOSIL
RIALTO DURASIL
RIALTO MARINA
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. **Harpo** is unable to guarantee results as it has no control over the conditions under which its products are applied.