

rialto finish



Resin based quartz finishing coating for exteriors

rialto finish coating is a smooth coating with matt effect. Mainly composed of a terpolymer resin which acts as a binder, it contains different sized hard aggregates such as mica, silica, quartz and granite, selected pigments, special additives that guarantee a perfect adhesion and a special preservative agent to resist mildew growth on the paint film.

PROPERTIES

The table shows the main characteristics of **rialto finish** and related values.

characteristic	rialto reference	std reference	norm
white point	optimal L 95,18; a - 0,75; b + 2,02		Full coverage Spectro- photometer reading
hiding power	optimal Y=99,75 %	optimal if > 98 %	UNICHIM 1631
dirt pick-up	very low $\Delta L=0,3$	very low if $\Delta L \leq 3$	UNI 10792
water vapor permeability	high V1 (220 gr/m ² 24 hours)	high > 150 g/m ² 24 h	UNI EN ISO 7783-2
filmability at low temperatures	good at +5°C		UNI 10793
wash resistance	optimal		UNI 10560
film aspect	matt		UNI 9389
mould resistance	resistant to mould attack		UNI 9805 Thor method 800.2
Resistance to algae	Resistant to algal attack		Thor method 850.2

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

- it has a high degree of permanent elasticity
- it allows surfaces to breathe: Class V1 220 gr/m² - 24 hours, (UNI EN ISO 7783-2), Sd = 0.09 m
- it is stable in time
- it can be easily applied using either a paintbrush, roller or conventional spray
- it is non-flammable
- abrasion resistant: >13.000 Gardner cycles
- specific gravity: 1.48 ± 0.02 kg/l
- pH: 7.5 ± 0.2
- viscosity: non-Newtonian fluid: average value 8,000 ± 500 mPas
- volume solids: 64% ± 0.5 by weight
- resin volume solids out of total volume solids: 15% ± 1% by weight

PURPOSES

rialto finish is ideal to keep exterior surfaces water repellent for longer and to give surfaces a smooth, decorative matt look and keeps them looking clean for many years. **rialto finish** is particularly suitable for use in industrial areas where the atmosphere is more corrosive or along the coast where there is greater need for protection against salt. Resistance to mildew and algae attacks. Prior to use surfaces should be sound and dry. **rialto finish** can be applied to the following surfaces after adequate preparation:

- plasters
- architectural concrete
- building boards
- Terranova finishes
- bricks
- galvanized sheets
- old paints (lime, washable, oil, etc.)
- previously painted surfaces (whitewash, washable, oil etc.)
- silicate of alumina-based concrete
- **rialto finish** is also used for decorating and protecting non pedestrian bituminous surfaces from the sun

WORKING INSTRUCTIONS

Prepare scaffolding so as to allow continuous application until architectural impediments are encountered (stringcourses, corners, joints, etc.)

- surfaces should be cleaned and loose material removed
- in case is required a basecoat with hiding properties, apply one coat of acrisilane fiber reinforced and pigmented basecoat **rialto fibrobas 130** diluted with 50% water by volume of a color similar to the one of the coating to be applied. In presence of microcracks or surface irregularities, apply one coat of acrisilane fiber reinforced pigmented **rialto fibrobas 300** diluted with 10% water by volume of a color similar to the one of the coating to be applied.
- If the surface is dusty, friable and with deteriorated old paints, apply a coat of **rialto stabilizer** and wait for at least 24 hours before applying **rialto finish**
- apply two coats of **rialto finish**. After applying the first coat (diluted with 10% water) with brush, leave for at least 12 hours and then apply the second coat (pure) with roller
- do not apply **rialto finish** to bricks with evident signs of saltpeter or dampness
- clean tools 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
- do not apply in case of relative humidity >80%
- store **rialto finish** in its original container at temperatures ranging from 5°C (41°F) to 30°C (86°F)
- dispose of product with care
- dispose of waste through authorized waste disposal services

COVERING CAPACITY

The spreading rate is usually 4-5 m²/l (160 sq. ft./gal) for two coats but it can vary depending on the kind of surface and the absorption rate.

PACKAGING

rialto finish is available in either 0,75 l, 4 l or 14 l containers.

COLOR RANGE

rialto finish is available in a wide range of colors. See relevant color chart and/or fan deck. Custom colors are available at extra cost, depending on the shade. A sample of the color must be provided. Minimum quantity: 70 l.

rialto finish is available in bianco (white) and other two bases that can be tinted with rialto tinting pastes.

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

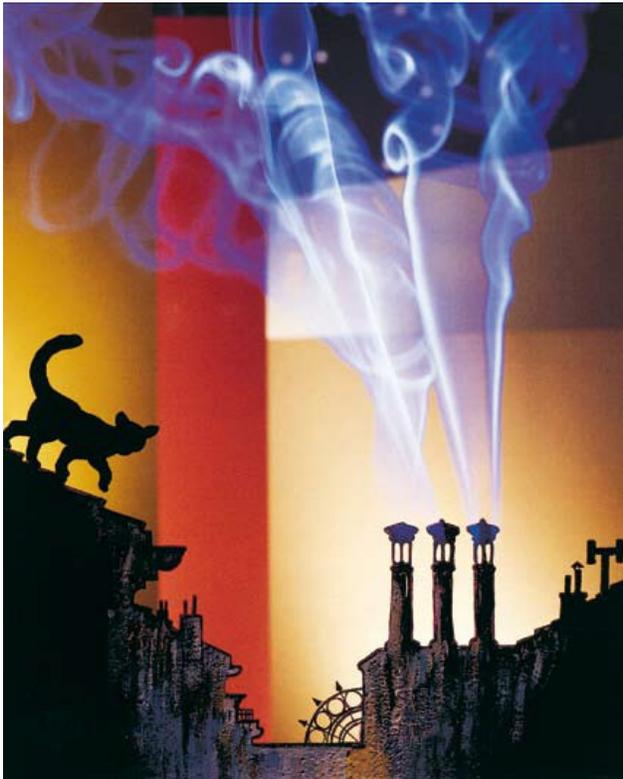
REFERENCES

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

rialto fibrobas 130

rialto fibrobas 300

rialto stabilizer



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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