



# RX 561

## Acrylic-Siloxane System



### Rustic acrylic siloxane coating



### Composition

RX 561 is a finish coating paste made up of acrylic copolymers and special polysiloxanes in aqueous emulsion, graded aggregate, titanium dioxide and specific additives to make the product better resistant to mould and algae. The nature of the raw materials used ensures a rustic finish.

### Technical characteristics

Specific weight	approx. 1.850 kg/l
Dilution	add up to 2% water if necessary
<b>Classification according to standard EN 15824</b>	
Water vapour permeability	Class V <sub>2</sub> (medium)
Liquid water absorption	Class W <sub>3</sub> (low)
Adhesion	> 0.3 MPa
Thermal conductivity	$\lambda = 0.77 \text{ W/m}\cdot\text{K}$ (tabulated value)
Reaction to fire	A2-s1,d0
<b>Further technical characteristics</b>	
Grading	1 - 1.5 - 2 mm
<b>Compliant with Italian leg. decree no.161 of 27/03/2006 (implementation of Directive 2004/42/EC):</b> <b>COV&lt;40 g/l</b>	

### Use

RX 561 is used as protective and decorative coating for exteriors on lime-cement base coat plaster and on walls insulated with the External Thermal Insulation Composite System.

### Surface preparation

The surface being coated must be free of dust and dirt. Any traces of oil, grease, wax etc. must be removed beforehand.

#### External Thermal Insulation Composite System

Before applying the RX 561 finish coat, wait at least 7 days after completing the base coat.

#### Lime-cement plaster

The finish coat must be applied at least 28 days after applying the base coat plaster. If the plaster is crumbling or highly absorbent, apply the primer FA 249, average dilution in water 1:6. This treatment should always be performed when the surface being coated has significant differences in absorption (guide strips, trim around doors and windows, etc.) or to extend working time.

If applying the coating on very smooth, non-porous, slippery or poorly absorbing substrates, the FA 249 primer should be replaced with a coat of FX 526 pigmented undercoat, either white or in the same tone as the coating.

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### Consumption

<b>Grading 1 mm</b> on fine plaster on floated base coat plaster	approx. 2.0 - 2.3 kg/m <sup>2</sup> approx. 2.2 - 2.5 kg/m <sup>2</sup>
<b>Grading 1.5 mm</b> on fine plaster on floated base coat plaster	approx. 2.3 - 2.5 kg/m <sup>2</sup> approx. 2.4 - 2.7 kg/m <sup>2</sup>
<b>Grading 2 mm</b> on fine plaster on floated base coat plaster	approx. 2.6 - 2.9 kg/m <sup>2</sup> approx. 2.7 - 3.4 kg/m <sup>2</sup>

### Application

Apply on the surface using a metal trowel, distributing a uniform layer of material.  
The finish is applied using a plastic trowel with circular movements.

### Warnings

- Acquire all the material required to finish the job from the same batch.
- Only apply on cured and dry plaster and never on alkaline substrates that modify the product's drying characteristics, resistance to frost and rain and colour development.
- Avoid application on façades in full sunlight or with strong winds.
- Avoid application at temperatures below +5°C or above +30°C and with a relative humidity higher than 75% .
- Avoid applying the material on the same façade at different times.
- Do not apply on damp surfaces and/or in colder periods, as the coating may detach from the surface and the paint may blister due to the accumulation of moisture inside.
- Do not apply when rising damp is present.
- Exterior façades treated with RX 561, during application and on the following days during the drying process, must be protected against rain, precipitation and high atmospheric relative humidity (fog) for at least 48-72 hours.
- Given the large number of mould species and the different climatic conditions, in some cases the additives used may not guarantee complete disappearance or stop the spread of certain micro-organisms of plant origin over time.
- The colour shades marked with the symbol \* in our collection contain organic dye. They are therefore potentially degradable, since they are sensitive to sunlight and to the substrate alkalinity.

**RX 561 should only be used in its original state, without the addition of other materials, except for the slight addition of water (up to 2% by weight) if stocked for several months.**

### Supply

- 25 kg plastic containers
- Tints: see colour chart and "warnings" section.



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### Storage

Protect from frost.

If stored in a suitable environment and sealed in its original packaging, the material has a shelf life of 12 months.

### Quality

RX 561 undergoes accurate and continuous checks in our laboratories. The raw materials used are carefully selected and checked.

The above information refers to laboratory testing; it is possible that in practical applications on site it may differ according to the conditions in which the material is applied. In any case the user should verify that the product is suitable for the intended application, taking all responsibility for its use.

Fassa reserves the right to make technical modifications without notice.