

FS 412

DATA SHEET

Primer for silicone resin coating cycles



Exteriors



Plastic containers



Roller



Brush

Composition

FS 412 is a primer made from acrylic copolymers in aqueous emulsion enriched with special water-based polysiloxanes.

Supply

- 16 l packs
- Colour: transparent

Use

FS 412 is used as an insulating, fixing or stabilising undercoat on lime-cement plasters and renders before applying the silicone finishing products without affecting substrate breathability.

Substrate preparation

The surface must be dry and free from dust, dirt, etc. Any traces of oils, greases, waxes, etc. must be removed beforehand.

Before applying the FS 412 primer, wait at least 28 days after completion of the surface.

Application

Dilution of FS 412 by weight with water: one part of FS 412 must be diluted with 1 part of water.

Apply the product preferably with brush or roller.

After treating the surface with the primer, wait at least 16 hours before applying paints and coatings.

Warnings

- Product recommended for expert users.
- Always read the safety data sheet before use.
- Wear protective gloves and clothing, and in the event of contact with the skin wash with plenty of water and soap.
- Use water to clean tools.
- You must not release the water used to wash the tools and any product residues into the environment or into domestic drains. The container/product/wash water must be disposed of in accordance with national laws.
- Ensure all material for the job is taken from the same batch.
- Avoid application at temperatures below +5°C or above +30°C and with a relative humidity exceeds 75%.
- Avoid application on surfaces exposed to sunlight.
- Only apply FS 412 on cured and dry substrates.
- Mix the product until it is completely uniform before diluting and applying it.
- Incorrect dilution of the material will affect product workability and cause a decline in its technical characteristics.
- The information provided on this technical datasheet is based on our technical and practical knowledge and experience. The technical data refer to the average characteristics of the basic product and are determined under controlled laboratory conditions. The variability of the natural raw materials available on the market can lead to slight deviations in the declared values. It is therefore necessary for the purchaser/user to personally verify, before application, the suitability of the product for the intended use, in particular when different lots of the same material are used in the same project/site (this is however not recommended as per point 6 of these warnings).

FS 412 must only be used as supplied, without the addition of other materials, except for dilution with water.

Storage

Protect from frost. Store at temperatures between +5 °C and +35 °C. If stored in a cool, dry place, away from sources of heat and sheltered from direct sunlight, in its sealed original packaging, the material has a shelf life of 12 months from the date of production stated on the label. Once the product has expired, it must be disposed of in accordance with current legislation.

Quality

FS 412 undergoes accurate and continuous checks in our laboratories. The raw materials used are rigorously selected and controlled.

Technical Data

Specific weight (EN ISO 2811-1)	approx. 1.00 kg/l
Consumption (**)	100 - 150 g/m ² approx.
Yield (**)	7 - 9 m ² /l approx.
(**) The consumption and yield values refer to the product applied on smooth substrates of average absorption; these should be verified by preliminary tests on the specific substrate.	
ETA European Technical Approval is available for using the product in building external thermal insulation systems.	
BBA Certificate available	
EU limit value of VOC content (Directive 2004/42/EC)	Category A/h, WB: VOC maximum 30 g/l product VOC < 30 g/l

The above information refers to laboratory testing; it is possible that in practical applications on site these may differ considerably according to the conditions in which the material is applied. In any case the user must 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.

Technical specifications regarding the use of Fassa Bortolo products for structural or fire prevention applications will only be officially valid if provided by Fassa Bortolo's "Technical Service" and "Research, Development and Quality System". If necessary, contact Technical Service in your country of reference (IT: area.technica@fassabortolo.com, ES: asistencia.technica@fassabortolo.com, PT: assistencia.technica@fassabortolo.com, FR: bureau.technique@fassabortolo.fr, UK: technical.assistance@fassabortolo.com).

Please note that for the aforementioned products, the assessment is required by the appointed professional, in accordance with regulations in force.