



Grey, white and extra white cement adhesive for external thermal insulation composite system



Exteriors



Sack



Silo



By hand



Spray



Metal trowel

### Composition

A 96 is a premixed adhesive made from Portland cement, synthetic fibres, selected limestone sands and specific additives to improve workability and adhesion.

### Supply

- In bulk in silo (not available in the United Kingdom)
- Special sacks with protection against moisture, approx. 25 kg

### Use

A 96 is used to bond and skim-coat polystyrene panels, Styrodur and Styrofoam, and mineral-wool panels in the external thermal insulation composite systems. It is also used to embed reinforcing meshes and to skim-coat concrete surfaces and pre-fabricated units.

### Substrate preparation

The substrate must be free from dust, dirt etc.. Any traces of oil, grease, wax etc. must be removed beforehand.

### Mixing

Add around 6.5 litres of clean water to each 25 kg sack of A 96 and mix by hand or with a mechanical stirrer until you obtain a mix of the required consistency.

A 96 can also be mixed using a horizontal mixer fixed directly to the silo (by gravity feed).

To bond the panels, apply the product across the entire surface or around the perimeter and at spots in the centre, then place the panels in a staggered arrangement, making sure that they fit together perfectly and then fix them mechanically using anchors.

Skim-coat the surface, embedding an ETAG 004 certified, alkali-resistant fibreglass mesh, making sure it overlaps the connection points by at least 10 cm.

As a skim-coat, A 96 can also be applied using plaster sprayers, such as FASSA, PFT, PUTZKNECHT, PUTZMEISTER, TURBOSOL and the like.

The surface is finished by applying a silicone resin, acrylic, acrylic-siloxane or silicate-based coating, after at least 2/3 weeks.

### Warnings

- Product for professional use.
- Always read the safety datasheet before use.
- The fresh adhesive must be protected against frost and quick drying. A temperature of +5°C is suggested as a minimum value for application and proper hardening of the adhesive. Below this value, setting would be delayed excessively and below 0°C the fresh or partially hardened product could be broken up by frost.

**A 96 must only be used in its original state without the addition of other materials.**

### Storage

Store in a dry place for no longer than 12 months.



## Quality

A 96 is subjected to careful and constant testing in our laboratories. The raw materials used are rigorously selected and checked.

## Technical Data

Specific weight of the powder	approx. 1,350 kg/m <sup>3</sup>
Thickness for skim-coating concrete surfaces	3-5 mm
Thickness for skim-coating polystyrene and mineral-wool surfaces	5-6 mm
Grading	< 1.4 mm
Mixing water	25-27%
Yield as skim coat	approx. 1.5 kg/m <sup>2</sup> per mm in thickness
Yield for bonding (entire surface or perimeter and spots in the centre)	approx. 3-6 kg/m <sup>2</sup>
Compressive strength after 28 days (EN 1015-11)	≥ 7 N/mm <sup>2</sup>
Water vapour diffusion resistance factor (EN 1015-19)	μ = 25 (measured value)
Capillary water absorption coefficient (EN 1015-18)	W <sub>2 c</sub> ≤ 0.20 kg/m <sup>2</sup> ·min <sup>0.5</sup>
Thermal conductivity coefficient	λ = 0.71 W/m·K (tabulated value)
Compliant with standard EN 998-1	GP-CSIV-W2
ETA European Technical Approval	

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 check 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.tecnica@fassabortolo.com](mailto:area.tecnica@fassabortolo.com), ES: [asistencia.tecnica@fassabortolo.com](mailto:asistencia.tecnica@fassabortolo.com), FR: [bureau.technique@fassabortolo.fr](mailto:bureau.technique@fassabortolo.fr), PT: [assistencia.tecnica@fassabortolo.com](mailto:assistencia.tecnica@fassabortolo.com)).

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