



Grey, white and extra-white cement-based adhesive



Exteriors



Sack



By hand



By machine



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

- 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).

Apply the adhesive onto the polystyrene panels along the perimeter and central points. The panels must be staggered, fitting exactly one to the other and must be fixed 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

- 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 ³
Thickness for skim-coating concrete surfaces	2-3 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 ² per mm in thickness
Yield as adhesive with full contact surface	approx. 4-6 kg/m ²
Yield as adhesive along the perimeter and in spots in the centre	approx. 3-4 kg/m ²
Flexural strength after 28 days (EN 1015-11)	≥ 3 N/mm ²
Compressive strength after 28 days (EN 1015-11)	≥ 7 N/mm ²
Water vapour diffusion resistance factor (EN 1015-19)	μ = 25 (measured value)
Capillary water absorption coefficient (EN 1015-18)	W2 c ≤ 0.20 kg/m ² ·min ^{0.5}
Thermal conductivity coefficient	λ = 0.75 W/m·K (tabulated value)
Compliant with standard EN 998-1	GP-CSIV-W2
ETA European Technical Approval	

The information shown on this datasheet is based on our acquired know-how and experience, as well as the state-of-the-art. The technical data shown refer to average product characteristics. The user can check the specific characteristics of each supply directly on the product identification label.

This document cannot account for every possible design and site situation. If necessary, please contact Fassa S.r.l. Technical Service by email at area.tecnica@fassabortolo.com.

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