

# A 96

## Adhesive / Base coat for ETICS

**FASSA  
BORTOLO**

### Fibre reinforced cementitious adhesive in grey, white and extra white



### Composition

A 96 is a dry premixed adhesive composed of white Portland cement, synthetic fibres, selected limestone sands and specific additives to improve workability and adhesion.

### Technical characteristics

Specific weight of powder	approx. 1,350 kg/m <sup>3</sup>
Thickness	- for smoothing concrete surfaces: 2-3 mm - for smoothing polystyrene and mineral wool surfaces: 5-6 mm
Grading	< 1.4 mm
Mixing water	approx. 26%
Yield	- for smoothing: about 1.5 kg/m <sup>2</sup> per mm of thickness; - for cementing on the entire surface: 4-6 kg/m <sup>2</sup> approx.; - adhesive application in stripes and dots: 3-4 kg/m <sup>2</sup> approx.;
Flexural strength after 28 days	approx. 3 N/mm <sup>2</sup>
Compressive strength after 28 days	approx. 7 N/mm <sup>2</sup>
Elasticity module after 28 days	approx. 7,500 N/mm <sup>2</sup>
Water vapour diffusion resistance factor (EN 1015-19)	$\mu$ = approx. 25 (measured value)
Water absorption coefficient due to capillary action (EN 1015-18)	W2 $c \leq 0.20 \text{ kg/m}^2 \cdot \text{min}^{0.5}$
Thermal conductivity coefficient (EN 1745)	$\lambda_d = 0.75 \text{ W/m} \cdot \text{K}$ (tabulated value)
Conforms to standard EN 998-1	GP-CSIV-W2
<b>European Technical Approval ETA 07/0280 and ETA 09/0282 (ETAG004)</b>	

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## Use

A 96 is used to cement and smooth boards made of polystyrene, styrodur, Styrofoam and mineral wool used in thermal insulation composite systems. It is also used to sink reinforcement meshes as well as to smooth concrete surfaces and prefabricated elements.

## Surface preparation

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

## Working

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

A 96 can also be mixed using horizontal shaft mixer connected directly to the silo station (gravity feed).

To cement the panels in place, apply the adhesive in lines. The panels must be staggered and fixed to the wall mechanically with dowels.

Smooth off the surface using a metal spatula, embedding an alkali resistant fibreglass mesh, ETAG 004 certified. For smoothing A 96 can also be applied using a plastering machine such as FASSA, PFT, PUTZKNECHT, TURBOSOL, etc..

## Warnings

- Avoid freezing and quick drying of the fresh adhesive. 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 considerably and below 0°C the fresh or partially hardened product would be broken up by frost.

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

## Supply

- Loose in silo.
- Special sacks with protection against damp of 25 kg approx.

## Storage

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

## Quality

A 96 undergoes accurate and continuous checking 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.