



## FASSANET 160

Alkali-resistant fibreglass reinforcing mesh, 160 g/m<sup>2</sup>



### Composition

FASSANET 160 is a product made from the weaving of high quality fibreglass yarns, which then undergoes special treatment with impregnation to make the mesh alkali-resistant.

### Supply

- 50 m rolls, 1 m wide.

### Use

FASSANET 160 must be used to reinforce skim-coats applied on plasters or on thermal insulation panels before applying the finishing coat.

It is also used with waterproofing mortars, such as AQUAZIP. If the product is applied on stressed structures or structures with significant cracks, the mesh reduces the risk of formation of hairline cracks that could impair the solidity of the coating.

FASSANET 160 mesh has the function of making the system suitably resistant to knocks, as well as resisting stress due to temperature changes and shrinkage, preventing cracks or fissures on the wall surface.

### Mixing

FASSANET 160 is applied to the first layer of the skim-coat. After the uniform application of the skim-coat using a metal trowel, to a thickness of 2-3 mm, you then apply the reinforcing mesh, making sure that adjacent strips overlap each other by at least 10 cm.

If you are applying External Thermal Insulation Composite Systems, further pieces of mesh must be embedded at a 45° angle on the corners of door and window openings as reinforcement in the points where there is maximum concentration of stress.

### Warnings

- Apply the product at temperatures between +5°C and +35°C.
- During application of the mesh, avoid the formation of bubbles and/or folds.

**For further details on application, see the instructions provided in the Fassa technical documents.**

### Quality

FASSANET 160 has been tested at ITC-CNR in accordance with the ETAG 004 guidelines. Each lot is thoroughly tested in our laboratories.



## Technical Data

Fibreglass	81%
Alkali resistant treatment	19%
Weight of the glass based on the ash content (raw mesh)	125 g/m <sup>2</sup> ± 5%
Mass per unit area (alkali-resistant mesh)	155 g/m <sup>2</sup> ± 5%
Width of the mesh (warp)	4.15 mm ± 5%
Width of the mesh (weft)	3.8 mm ± 5%
Tensile strength (warp)	> 35 N/mm
Elongation (warp)	5%
Tensile strength (weft)	> 35 N/mm
Elongation (weft)	5%
Residual tensile strength after ageing of 3 alkali ions	> 50% of the initial value and in any case above 20 N/mm
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". Our Technical Service can be contacted by email at [area.tecnica@fassabortolo.com](mailto:area.tecnica@fassabortolo.com).

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