

Alkali-resistant fibreglass reinforcing mesh



### Composition

FASSANET MAXI is a product made from weaving high quality fibreglass yarn, undergoing special treatment with impregnation to make the mesh alkali resistant.

### Supply

- 50 m rolls, 1 m wide.

### Use

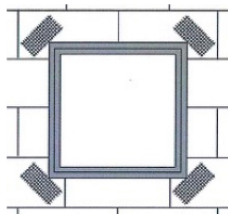
FASSANET MAXI is used to reinforce skim coats applied directly both on plaster and render (new or existing) and on thermal insulation panels. The size of the mesh means it is especially suitable for use with medium-coarse gradings. Its features make it ideal for use on lightweight skim coats applied in thick layers (e.g. AL 88 or ECO-LIGHT 950). FASSANET MAXI mesh has the function of ensuring the system can withstand knocks, as well as respond to the stress deriving from sudden changes in temperature and shrinkage, minimising the formation of cracks or fissures.

### Mixing

The reinforcing mesh is applied from top to bottom on a uniform layer of skim coat, avoiding the formation of bubbles or folds. During application, make sure the joints with adjacent sheets of mesh overlap by at least 10 cm. Once the mesh has been laid, it will be embedded in the skim coat by applying light pressure with the trowel. The reinforced coating is completed by applying a second layer of skim coat covering the entire mesh, so as to obtain a smooth and uniform surface.

**The mesh will be in the layer of reinforced skim coat closest to the surface.**

At openings (doors and windows), where there is greater concentration of stress, instead of using small specially preformed sections of mesh, an additional skim coat must be applied, with the mesh laid diagonally at 45°. Then, before applying the reinforced skim coat, near the edges a strip of mesh measuring 300x400 mm will be laid and subsequently embedded in a layer of skim coat.



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



## 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.
- Protect the mesh against mechanical abrasion.
- Respect structural expansion joints.
- Do not apply in direct contact with the substrate.
- Apply only on an initial, more abundant layer of material.
- FASSANET MAXI is an article, and consequently in accordance with current European regulations (Reg. 1906/2007/ EC - REACH), no safety data sheet is required.

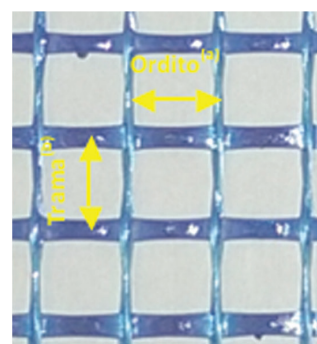
## Quality

FASSANET MAXI has been tested according to ETAG 004 guidelines. Each lot is thoroughly tested in our laboratories.

## Technical Data

Fibreglass	approx. 79%
Alkali resistant treatment	approx. 21%
Weight of the glass based on the ash content (raw mesh)	122 g/m <sup>2</sup> ± 5%
Mass per unit area (alkali-resistant mesh)	155 g/m <sup>2</sup> ± 5%
Mesh size (spacing between yarns)	Warp(a) approx. 7.1 mm
	Weft(b) approx. 7.7 mm
TREATED MESH TENSILE STRENGTH (in accordance with ETAG 004 guidelines)	
Breaking strength	Warp > 2,150 N/5 cm (equal to 43 N/mm)
	Warp > 2,300 N/5 cm (equal to 46 N/mm)
Elongation	Warp 4.5 ± 1%
	Weft 4.5 ± 1%
Residual tensile strength after ageing of 3 alkali ions	> 50% of the initial value and in any case above 1,000 N/5 cm

The fibreglass warp yarns are arranged in the same direction as the roll of mesh (longitudinally), while the weft yarns are perpendicular (transverse) to the roll.



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

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