

EUROFISI F-160

Thermal Insulation Products for Buildings



Product Description: EUROFISI F-160 (160 gr) is a fiberglass mesh (White,Red,Yellow,Green)

Product Features: EUROFISI F-160 corresponds to the standard EN 13163:2013+A1:2015
Alkali resistant / slip proof / tear proof
Fast to install, ready to use and eas to cut with scissors or razor knife
Can be widely used in building internal and external wall

Technical Data:

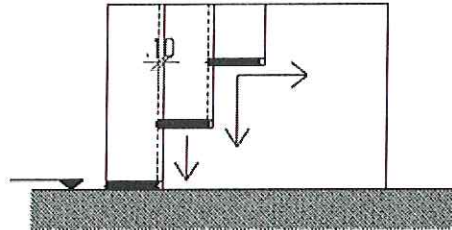
Essential Characteristics	Unit	Value
Length (roll)	m	50
Width (roll)	m	1 (± 1%)
Thickness	mm	min. 0.45
Square dimensions	mm	5 x 5
Mass per unit area	g/m ²	160
Tensile Strength at normal conditions (cross)	N/50mm	2085
Tensile Strength at normal conditions (Longitudinal)	N/50mm	2235
Elongation at break at normal conditions (cross)	%	2.5
Elongation at break at normal conditions (Longitudinal)	%	2.4
Tensile Strength at aggressive (alkaline) conditions (cross)	N/50mm	1230
Tensile Strength at aggressive (alkaline) conditions (Longitudinal)	N/50mm	1580
Elongation at break at aggressive (alkaline) conditions (cross)	%	6
Elongation at break at aggressive (alkaline) conditions (Longitudinal)	%	5
Ratio between the tensile strength and elongation at break at normal conditions	kN/mm	Not > 1
Ratio between the tensile strength and elongation at break at aggressive (alkaline) conditions	kN/mm	Not > 1
Ash content	%	84.1 / 15.9

Field of Use:

The product **EUROFISI F-160** is a plasticized and alkali-resistant glass fiber mesh. It is used in facade thermal insulation systems for reinforcement of basic and renovating plasters, and leveling and waterproofing materials. It is usually sufficient to have single reinforcement, to take on higher temperature and other loads, and for durable impact resistance, double reinforcement is recommended.

Type of Installation:

Fiberglass mesh **EUROFISI F-160**, can be installed with reinforcing mortar should which should be spread evenly over the surface of the boards with a tooth trowel with teeth the size of 10-12mm. In the case of mineral wool boards prior to distribution priming must be used with mortar. In the prepared layer immediately spread fiberglass mesh, then embed by using a metal trowel and make it smooth. Properly applied mesh should not be visible and completely embedded in the mortar. It is important to keep the mesh overlaps on next applied belts to about 10 cm. Bets of mesh can not coincide with the joints between the panels. In case of corner holes in the walls (eg. windows) it is recommended to embed diagonally additional parts of mesh with dimensions of about 20 x 30 cm. The mesh belts are laid in such a way that they are switched by a length and a width of at least 100 mm. When mounting on vertical surfaces, the grid is always descended from the top of the surface to the ground (see the sketch below)

**Storing:**


Store the net in dry and enclosed spaces protected from direct sunlight. Durability in storage in originally sealed and undamaged packaging: unlimited

Packing:

Roll of 1m x 50 m = 50 m²

Quality:

The product **EUROFISI F-160** is in accordance with EN 1849-1:2010 and EN 13496:2013 Achievement of the declared or prescribed quality level is guaranteed in the EURO FISI-D for a number of years with implementation of quality control ISO 9001, which includes daily quality check in our own factory. In the production of the product we strictly comply with European standards in the field of environmental protection and ensuring safety and health at work.

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EN 13496:2013 EN 1849-1:2004 EN 13499:2004 ETAG-004

