

## Rednet 145 FIBERGLASS MESH

10.03.2020

### Fiberglass mesh for thermal insulation of external walls

#### INTENDED USE

- as the reinforcement of cement mortars with the layer thickness of 2 to 10 mm
- to make a reinforced layer in external thermal insulation systems with rendering (ETICS)
- for polymeric renderings

#### PROPERTIES

- leno weave – finishing to ensure the stability of the weave
- high tensile and tear resistance
- resistance to alkali
- the reinforcement is to prevent cracking of a hardened mortar, including the cracks arising from thermal expansion

#### PRODUCT SPECIFICATIONS

Ash content , (%)	84,0 ±4%
Mesh opening , mm (warp x weft)	(4,5 x 3,5) ± 0,5 mm
Tensile strength , (N/mm)	
In as-delivered state	≥ 30
After alkalis conditioning	≥ 20, and ≥ 50% of the strength in the as-delivered state
Elongation ε, (average value)	
In as-delivered state , (%)	≤ 5,0
After alkalis conditioning, (%)	≤ 3,5
Mass per unit area , (g/m <sup>2</sup> )	145 ±5%
Mesh colour	white
Overprint colour	red

#### PACKAGING

Roll width (m)	Roll length (m)	Quantity per palett (rolls)	Quantity per palett (m <sup>2</sup> )
1,0	50	35	1 750

#### STORAGE

Store in an upright position, in a dry room, protecting from direct exposure to weather conditions.

#### COMPOSITION

Fiberglass coated with alkaline dispersion.

#### UTILIZATION

In accordance with local regulations.

#### ASSEMBLY INSTRUCTIONS

##### Consumption:

1.1m<sup>2</sup> of the mesh / 1m<sup>2</sup> of the facade surface

##### Application:

On the surface of the reinforced layer, apply a suitable mass/mortar with a toothed trowel (teeth min. 10 mm) on the width of the grid and for about 3-4 mm. Then, taking care that the grid is evenly tensioned, blend in the mortar. The grid must be completely embedded in the mass and invisible. At the joints with adjacent strips, the net should be put on an overlap of not less than 10 cm. The whole surface should be filled in with the "wet-on-wet" method so as to obtain complete coverage of the reinforcement net. The Surface of the reinforced layer should be even and smooth. The thickness of the reinforcing layer depends on the type of joint compound used. It is recommended to perform works in dry conditions and at air and substrate temperatures from +5°C to +25°C. Avoid contact with skin and protect eyes. It is recommended to use gloves, glasses and protective clothing.

#### ADDITIONAL INFORMATION

The product is CE marked on the basis of European Technical Assessment ETA-18/0754. Within the meaning of Article 31 of Regulation (EC) No 1907/2006 of the European Parliament and of the Council (REACH) of 18.12.2006 this product does not contain substances which meet the criteria classifying it as dangerous, therefore it is not covered by the obligation to draw up and distribute the safety data sheet.