

weber.therm 310

Coarse reinforcement fabric

Non-sliding fiberglass fabric with highly alkali-resistant coating

Fields of application

As part of several Etics (external thermal composite systems) **weber.therm** for the reinforcement of the mortar layers on top of insulation boards.

Also for the reinforcement of underlay render base coats (range **weber.dur**).

The premium-grade synthetic treatment of the mesh protects the fiberglass from alkali attack of the used mortars.

Description

weber.therm 310 is a factory-made woven mesh.

Composition

Woven glass fiber.

Main features

- offers a good mechanical key of the following render layers thanks to its coarse mesh size
- high alkalinity resistance
- compatible with all **Weber** Etics
- for use as reinforcement of the mortar layers within Etics **weber.therm** on top of insulation boards
- also for use for reinforcing underlay render base coats (range **weber.dur**)

Technical values

Clear mesh width (target value):	8 mm / 8 mm
Fabric width (target value):	110 cm
Roll length (target value):	50 m
Thickness of finished fabric (target value):	0.82 mm
Basis weight of raw fabric (target value):	178 g/m ²

Technical Data Sheet



Weight per unit area of finished fabric:	219 g/m ²
Type of fabric finish:	alkali-resistant, plasticizer-free, non-slip

	Strength	Strength	Elongation
	nominal value	single value	average value
Delivery condition:	3.100 / 2.500	2.600 / 2.100	3.5 / 3.5
6-hour alkaline solution:	2.800 / 2.100	2.300 / 1.600	3.5 / 3.5
3-ion solution (ETAG 004):		1000 / 1000	
		50% / 50%	

Strength and elongation: the minimum strength (N/5 cm) and maximum elongation (%) are determined according to EN ISO 13934-1.

Quality control

weber.therm 310 is subject to a regular quality control by self-monitoring.

Working instructions

- Spray/apply the reinforcing mortar (for ex. **weber.therm 300,301**, etc.) in the specified thickness onto the insulation boards and strike off with a stainless smoothing trowel.
- Rule level with a straight edge (for ex. aluminium beam), avoiding honeycombs or gaping holes.
- Lay the woven mesh **weber.therm 310** "wet-in-wet" in vertical or horizontal directions wrinkle-free strips across the whole surface. The strips must overlap by at least 10 cm. Gently press the mesh with a flat trowel. The mesh must lie in the upper half of the mortar layer.

Practical information

Storage:

The packed rolls must be stored in vertical position on wooden pallets at temperatures between -10°C and +50°C in dry and closed storage rooms.

Packagings

Type	Sales unit	Number / euro-pallet
Roll	55 m ²	30 rolls

The information in this technical data sheet is based on our current knowledge and experience at the time of printing. However, they do not guarantee in the legal sense.