

## weber.sys 835

### Tile reinforcing mesh

## Multi-use fabric for reinforcing tile adhesive mortars and levelling compounds

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### Fields of application

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Designed for the preparation and reinforcement of critical substrates prior to subsequent tiling and levelling works.

The reinforcing fabric is an alkali-resistant, high-strength fiberglass fabric to increase safety against cracking on critical substrates. weber.sys 835 can be used for works with tile adhesives and levelling compounds to increase their stability and flexural rigidity. By improving the dimensional stability of the built-up system, the reinforcing fabric reduces the transfer of cracks and deformations from the substrate to the surface covering.

For use on vibration-prone concrete surfaces, screeds, mixed substrates, old substrates, plasters/renders, gypsum plasterboards, gypsum fiberboards, hard foam boards, old tile coverings and wooden substrates.

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### Description

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weber.sys 835 is a tile reinforcing fabric for tiling and levelling works on floors.

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### Composition

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Alkali-resistant, slip-resistant glass fiber fabric with acrylate coating

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### Main features

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- for indoors and outdoors
- increases the stability of the whole construction
- for reinforcement on critical substrates
- also for reinforcement of de-coupling layer of the 2-comp. reactive waterproofing compound weber.xerm 844
- also for wooden substrates
- minimum installation height
- high tear strength

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## Technical values

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Width:	1 m
Weight:	approx. 475 g/m <sup>2</sup>
Mesh size:	7 x 7 mm
Tear strength:	approx. 5.000 N/50 mm (warp); approx. 6.900 N/50 mm (weft)

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## Quality control

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weber.sys 835 is subject to a regular quality control.

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## General notes

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- Take over existing separation joints and connection joints in the substrate in the boards and in the top covering at the same place.
  - Wooden surfaces (treated timber planks and OSB boards) must be strongly connected with the substrate; if necessary, fasten them with woodscrews in interval of max. 40 cm. All joints between the beams must be bonded to each other with an appropriate timber glue. Use the bonding primer weber.prim 803 on all wooden substrates.
  - If a floor acoustic insulation is required, use the foot impact sound insulation and de-coupling boards weber.sys 832 in residential buildings.
  - All statements described in our technical data sheet refer to our tests and practical experience. These might not be valid for every application; if necessary, carry out preliminary tests.
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## Substrate preparation

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- The substrate must be sufficiently load-bearing, clean, dry, frost-free, dimensionally stable and free from adhesion-impairing substances.
  - Remove loose or flaking mortar and paint residues carefully.
  - The substrate preparation must be adapted to the specific job site conditions.
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## Working instructions

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- Cut weber.sys 835 to size with a knife or scissors.
  - In all cases the mesh should be laid in strips so that the edges of the fabric overlap by at least 10 cm.
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- In case of use for tile fixing first apply the tile adhesive on the substrate with a suitable comb or spatula and insert the reinforcing fabric. Afterwards it is evenly covered with the adhesive using a smoothing trowel.
- In case of use for levelling compounds lay the reinforcing fabric on the substrate and fix it for ex. with staples. This prevents the mesh from shifting during filling works. The size of the staples must be selected to ensure that the fabric has a minimum amount of room to move in relation to the substrate during installation. Afterwards apply the levelling compound (for ex. weber.plan 813-10/25 or 40) over the mesh.
- In case of use with weber.xerm 844 as de-coupling layer on critical substrates refer to the technical data sheet.

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## Practical information

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Colours:

white

Tools:

Knife, scissors, staples

Storage: The product can be stored at least 24 months in its original unopened packaging, if kept dry and protected from sunlight.

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## Consumption

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approx. 1.05 m<sup>2</sup>/m<sup>2</sup>

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## Packagings

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Type	Sales unit	Number / euro-pallet
Roll	25 m <sup>2</sup>	34 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.*