DATASHEET

Kiesel Ki 881 Eco Sound Mesh

Alkali-resistant fibreglass mesh for strengthening floor/wall constructions

- high-strength, alkali-resistant
- high tensile strength
- for stabilising and reinforcement of screeds and thin-bed mortar
- for thin-layer screed constructions with Servoplan E 600 in the Kiesel Eco Sound System
- - on a separation layer ≥ 20 mm minimum layer thickness
- - on sound deadening track Kiesel Ki 880 ≥ 25 mm minimum layer thickness
- special construction with building inspectorate-approved test certificate

PRODUCT DESCRIPTION

The factory-manufactured fibreglass mesh **Kiesel Ki 881 Eco Sound Mesh** is an impregnated glass fibre weave. It has been specially designed for renovating residential and commercial buildings to reduce tension and movements in construction. For strengthening composite constructions, for example with:

- Old tile and natural stone coverings
- Plaster and masonry
- Old screed
- Tile load-bearing elements
- On wood substrates
- For thin-layer screed constructions on insulation layers and separation layers

In conjunction with rapid flowable cement screed Servoplan E 600.

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SUBSTRATE PREPARATION

For all clean, dry and load-bearing substrates. The substrate must be permanently dry. In individual cases, performing building waterproofing to protect against rising damp from the floor sheet beforehand may be necessary. Any cracks present must be sealed via force fitting.

PROCESSING

Lay **Kiesel Ki 881 Eco Sound Mesh** without creases on **sound deadening track Kiesel Ki 880 Eco Sound** on a PE foil separation layer or directly onto the substrate and overlap with at least 5 cm. The roll tension should preferably be directed towards the substrate.

In the sound deadening system Kiesel Ki 881 Eco Sound:

After preparation work is completed, the flowable cement screed **Servoplan E 600** is installed. **Servoplan E 600** must be laid with tiles on the following day, or within 3 days at the latest. For elastic and textile floor coatings, **Okatmos® DSG** requires two work steps: it must be primed and then used for filling within 3 days. If parquet floors are laid with SMP adhesives, the substrate must be primed with **Okamul PU-V schnell** ("rapid") in two work steps within the previously mentioned period.

As substrate preparation for composite constructions:

Lay the **Kiesel Ki 881 Eco Sound Mesh** on an appropriately prepared substrate as described above, fix to the wood substrate. Then rework with stable, self-levelling **Kiesel screed** or **Kiesel tile adhesives** in accordance with manufacturer requirements.

SPECIFICATIONS

Application rate	approx. 1,05 m/m^2
Roll width	1 m
Roll length	50 m
Weight	Material weight: approx. 220 g/m^2 Roll weight: approx. 11,2 kg
Material	Fibreglass mesh 8 mm x 8 mm mesh size
Storage	Rolls must be stored upright in a cool and dry place can be stored for around 5 years

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PACKAGING

20 rolls à 50 m^2

The aforementioned information, especially the proposals for processing and utilizing our product, is based on our knowledge and experience. We recommend that you carry out your own tests in every case to ensure the suitability of our products for the intended process and processing purposes because of the different materials and the working conditions which lie beyond our area of influence. No liability can be derived from this advice or from verbal advice, unless we are responsible for (criminal) intent or gross negligence in this respect.

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