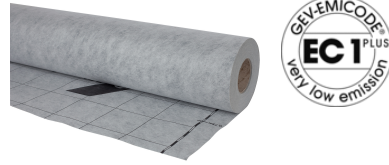


DATASHEET

Kiesel sealing membrane

For secure, fast sealing beneath ceramic tiles and panels



- thin layer
- waterproof
- flexible and bridges over cracks
- for walls and floors
- resistant to alkalis and to ageing
- with practical scaling
- with a general building inspectorate certificate for wear classes A0, A and C

PRODUCT DESCRIPTION

Thin, waterproof sealing membrane that covers cracks made for sealing indoor walls and floors in combination with tiles and panels such as, e.g. bathrooms, shower rooms, restrooms, and areas subject to chemical loads such as, e.g. large kitchens. The **Kiesel sealing membrane** ensures a secure drainage level. **The Kiesel sealing membrane** is officially approved for producing composite seals in wet areas with moisture resistance classes A and C in line with the “test requirements for granting a general building inspectorate certificate for sealants in combination with tiled and panel surfaces”, part 2: Compound seals in sheet format.

When used in combination with the listed adhesive mortars it has a general building inspectorate certificate from the materials testing institute from TU Braunschweig.

Test number: P1200/432/15 MPA-BS.

All listed installation materials can be used for bonding the **Kiesel sealing membrane** as well as for laying the covering material.

- **ServoStar® 2000 Flex Plus**
- **Servoflex-Trio-SuperTec**
- **ServoStar® 4000 Flex**
- **Servoflex K-Schnell SuperTec**
- **Okapox (Okapox royal)**

SUBSTRATE PREPARATION

Kiesel Bauchemie GmbH u. Co. KG
Wolf-Hirth-Straße 2
D-73730 Esslingen
Phone: 0711 93134-0
Fax: 0711 93134-140
www.kiesel.com
Stuttgart District Court HRA 210806

CEO:
Beatrice Kiesel-Luik
Dirk Schulze

Personally liable partner::
Kiesel Verwaltungsges. mbH
Stuttgart District Court HRB 210484
Registered Office of the company:
73730 Esslingen

The subsurface must be dry, clean, load-bearing, ready for covering, and have fine pores on the surface. Sandblast or mark out areas, if required. Eliminate uneven areas such as holes, nests or cracks in a prior and separate process, e.g. using **Servocret RS** or **Servocret RS-N**. The flatness must be such that the **Kiesel sealing membrane** can be laid without creating any hollows. Precoat absorbent and non-absorbent subsurfaces with **Okatmos® UG 30**.

PROCESSING

Cut the **Kiesel sealing membrane** to size using a pair of scissors or a cutter's knife before bonding. Evenly apply the thin-bed mortar, preferably **Servoflex K-Schnell SuperTec**, to the prepared subsurface using a 4 mm notched spatula (TKB C1) to the primed surface and immediately apply and press the **Kiesel sealing membrane** into position. Use a trowel to press down from the middle of the membrane and push away towards the edges so that any air bubbles beneath the membrane are removed. The membranes can either be touching, next to each other, or overlap by at least 5 cm. When bonding the **Kiesel sealing membrane** to a joint or bonding using an overlap, bond these with **Servoflex DMS 1K Plus SuperTec** using a 4 mm notched spatula (TKB C1) over the whole of its surface. In the corner area of the **Kiesel sealing membrane** or inner/outer sealing corners for sealing piping and drains use the "wall" and "ground" sealing collar as described previously and bond using **Servoflex DMS 1K Plus SuperTec** over its entire area without leaving cavities.

If the **Kiesel sealing membrane** is used in wear class C then the **Kiesel sealing membrane**, the overlaps on the sealing corners both inner/outer and the liner for the "wall" and the "floor" are bonded using **Okapox** in the manner described previously.

IMPORTANT NOTICE

| Physical values | Value |
|------------------------|-----------|
| water impermeability | ≥ 1,5 bar |
| bursting pressure max. | > 3,0 bar |

| CHEMICAL RESISTANCE | resistant after storing for 7 days at room temperature |
|------------------------------|--|
| hydrochloric acid 3 % | + |
| sulphuric acid 35 % | + |
| citric acid 100 g/L | + |
| lactic acid 5 % | + |
| Potash 3 % / 20 % | + / + |
| Sodium hypochlorite 0,3 g/L | + |
| salt water (20 g/l sea salt) | + |

+ = resistant / 0 = weakened / - = not resistant

COVERAGE

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1.00 - 1,05 m²

PACKAGING

| Product description | Item no. | Item no. |
|--|----------|---------------|
| 30 linear metres x 100 cm = 30 m ² roll | 60337 | 4015705603377 |

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.

Revised: 101518/dj-me