

**Product Data Sheet**

Edition 12/06/2019

Identification no:

Sika® Meshed Membrane

**Sika® Meshed Membrane****Cavity Drainage System Membrane****Construction****Product Description**

The Sika® Cavity Drainage System consists of moulded high-density polyethylene and polypropylene membranes and fixing/sealing materials used as a water diversion system in the refurbishment or new construction of domestic and commercial buildings.

The Sika® Meshed Membrane is an 8 mm studded membrane incorporating a tough HDPE mesh lathing welded to the front face, allowing the direct application of various plaster finishes, adhesive 'dabs' and plasterboards.

**Uses**

- Internal fixing to masonry, stone or concrete walls
- Suitable for over-plastering/rendering with sand/cement or plaster

**Characteristics / Advantages**

- Easy to cut, fix and seal
- The substrate remains visible through the clear membrane for precise fixing with specially profiled plugs
- Can be used for waterproofing brick vaults
- Impermeable to water, gas and water vapour
- Can be installed in conjunction with Sika® CD Channel and Pump System

**Tests****Approvals / Testing**

BBA Certified – Certificate No: 19/5640

**Product Data****Appearance/Colours**

- Rolled, studded membrane with bonded mesh to “anchor” cement mortar renders
- Smooth translucent finish
- White
- 7mm stud height

**Packaging**

Roll Size: 2.0 m (roll width) x 20 m length

**Accessories**

Sika Plaster Plugs: 200 plugs/bag

**Storage****Storage Conditions/Shelf-Life**

Store in an upright position, under cover and away from high temperatures and open flames.



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## Technical Data

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<b>Material</b>	HDPE	
<b>Unit Weight</b>	0.50 Kg/m <sup>2</sup>	
<b>Sheet Thickness</b>	0.8 mm	
<b>Stud Height</b>	7 mm	
<b>Colour</b>	Clear	
<b>Working Temperature</b>	-50°C to +80°C	
<b>Softening Temperature</b>	126°C	
<b>Tensile Strength MD</b>	416 N	(BS 12311-2)
<b>Tensile Strength CD</b>	488 N	(BS 12311-2)
<b>Water Vapour Resistance</b>	>3020 MNs/g	
<b>Resistance to Static Loading</b>	>20 Kg	(BS 12730)
<b>Reaction to Fire</b>	Class F	(BS EN 13501-1)

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## Application Instructions

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### Application Method

With studs facing the wall, fixing is carried out using Sika® Plaster Plugs.

- Drill a hole through the centre of the stud. Take care when drilling holes to avoid excessive masonry dust from falling behind the cavity drain membrane.
- Place the chosen plug (with Sika® Rope to seal for all underground waterproofing applications) into the hole and drive the fixing home with a rubber mallet or club hammer.
- Spacing between plug fixings should be no greater than 250-300 mm, to ensure a tight fix to the wall. However, this may vary depending on chosen finishes, dimensions of plasterboards and their exact application.
- Overlaps between the strips of membrane should be sealed using Sika® Plaster tape.
- Apply plaster/render finish.

Refer to full installation guidelines available from our Technical Department.

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### Value Base

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

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### Local Restrictions

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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### Health and Safety Information

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

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## Legal Notes

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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