

FloorBridge® SM 200

Sealing membrane

Description:

Supersoft-Monoflex high performance sealing band / membrane

Material composition:

Modified thermoplastic elastomer

Application:

For sealing under FloorBridge® joint profiles for dilatation, building separation and construction joints in interior and exterior areas. The bonding is done with the system adhesive of the FloorBridge® Connect series.

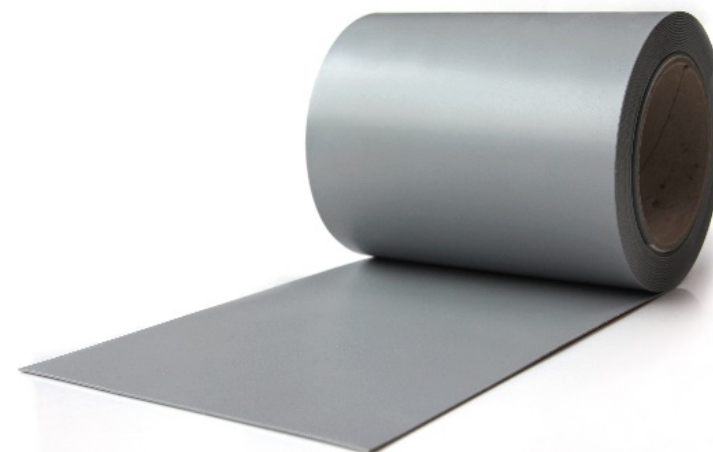
Colour:	grey
Total width:	approx. 200 mm
Total thickness:	approx. 1,0 mm
Shore-A-hardness:	approx. 76
Temperature resistance: min. / max.	- 30°C / + 90°C
Roll length:	40 m

Physical values: (approx.)

	DIN	Value
Bursting pressure: max:	Intern	2 bar
Longitudinal tensile strength	DIN EN ISO 527-3	9,0 N / mm ²
Diagonal tensile strength	DIN EN ISO 527-3	7,5 N / mm ²
Longitudinal strain to rupture	DIN EN ISO 527-3	>750 %
Diagonal strain to rupture	DIN EN ISO 527-3	>750 %
Tensile strength 25% diagonal expansion	DIN EN ISO 527-3	2,0 N / mm
Tensile strength 50% diagonal expansion	DIN EN ISO 527-3	2,5 N / mm
Adhesive tensile strenght	DIN EN 1348	3 N / mm ²
Tear growth resistance longitudinal / diagonal	DIN EN 12310-2	56 N / 62 N

Storage conditions / Shelf life:

12 months when stored in the original packaging in a cool dry and UV-protected area.



Application instructions:

Adhesion of the band:

Only a clean, undamaged, defect-free sealing band FloorBridge® SM 200 may be installed.

A foam profile (edge strip. Round cord) must be inserted into the existing joint in the substrate to ensure continuous positive or negative joint movement.

Apply the FloorBridge® system adhesive of the Connect series, mixed according to the manufacturer's instructions, using a spatula or toothed trowel in both sides along the joint.

Insert the FloorBridge® SM 200 band within the open time of the adhesive and press it firmly into the adhesive using a suitable roller. Take care that that no air pockets are created. In the middle of the sealing tape (above the joint), the expansion zone of the sealing tape must be exposed (not glued and free of all adhesive residues) to ensure a movement capability. The area of movement can be cleared by applying a standard masking tape. (painter's masking tape).

Band joints:

Bands are joined by thermal welding using hot air and pressure (hard rubber roller). The weld seams must be roughened with sandpaper (80 grain) before welding and then cleaned dust-free. Only roughen weld seams and then clean them dust-free, otherwise the remaining grinding dust could impair the bonding.

Overlap at least 10 cm in case of band connections, T-pieces, L-pieces or similar and welding with hot air blower with 340°C and 1500 Watt.

Attention: The temperature of 340°C and the correct time of bonding must followed exactly!

Details such as band connection, gluing off he joint profile on sealing membrane:

See installation manual!

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.

Ecology, health and safety information (REACH):

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 REACH). It contains no substances, which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product onto the market, to transport or use it. For safe use follow the instructions given in this product data sheet.

Based on our current knowledge, this product does not contain any SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list by the European Chemical Agency in concentrations above 0.1 % (w/w).

Legal Notes:

The information, and, in particular, the recommendations relating to the application and end-use of FloorBridge® products, are given in good faith based on the current knowledge and experience of FloorBridge® International GmbH about the products, and apply if properly stored, handled and under normal conditions in accordance with FloorBridge® International GmbH recommendations.

In practice, the differences in materials, substrates and deviating working conditions are so substantial, that FloorBridge® International GmbH shall neither accept any warranty nor liability for a particular merchantability or suitability for a particular purpose, neither derived from this information nor from a written recommendation or any other advice offered. The user of the product must verify the product's suitability for the intended purpose of use.

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