

PROVISIONAL PRODUCT DATA SHEET 2022-03-08

SikaMembran®-220 FR

TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)

Chemical base	Compound of an elastomeric modified butyl rubber	
Colour	Grey	
Thickness	1mm	
Application temperature	+5 °C - + 35°C	
Tear propagation resistance (CQP045-4)	Longitudinal:	≥ 30
	Transversal:	≥ 30
Service temperature	-20 °C - + 80°C	
Storage conditions	Store in dry, well ventilated room and at a max.temperature +30°C. Store above 40°C may lead to difficulties to remove release liner. Store only in original packed state.	
Shelf life	24 Months	

DESCRIPTION

Fire retardant rolled sealant with a strong butyl adhesive layer and excellent waterproofing. For ease of installation it comes with a split liner, positioned 30mm from the edge.

PRODUCT BENEFITS

- Easy, Clean Application
- Self Adhesive
- Split liner
- Excelent adhesion to a wide variety of substrates
- SikaMembran®-220FR has a fire classification B-s1, d0 (According to EN 13501-1:2018 applied onto substrate Euro class A2-s1, d0 or better with a minimal thickness of 12mm and a minimal density of 525 kg/m³).
- Creates an airtight and fire-safe detailing around the window and doors frames

AREAS OF APPLICATION

The flexible SikaMembran® sheets, installed between structure and incorporated units (e.g. facade elements, windows, etc.) provide a secure and durable vapor barrier and waterproof seal at junctions between building elements mainly in curtain wall facades but also in ventilated facades and window installations. This product is suitable for experienced professional users only. Test with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

METHOD OF APPLICATION

Surface Preparation

Surfaces must be clean, dry, homogenous and free from oil, grease, dust and loose or friable particles. Cement laitance, poorly adhering particles or incompatible paints must be removed by a rotary mechanical wire brush, grinding or grit blasting.

Application

Minimum recommendation lap onto substrate is 100mm. Recommended application sequence is cill - jamb - head. Allowing for corner overlaps, cut the tape to the required length. Apply SikaMembran®-220 FR to one side, the roll comes with a 30mm split liner for ease of applying, once in position and holding itself, dress the remainder around and on to the opposite side, use a roller to ensure full contact with the surface. Apply patches to seal any holes or gaps at the corners of the SikaMembran®-220 FR. Ensure the edges or laps are firmly rolled.

Application Limits

SikaMembran®-220 FR should only be applied when the surface temperature is 5 °C or above and 3 °C higher than the dew point temperature of the air in order to avoid the formation of condensation on the surfaces. Failure to hand roller the tape may result in poor adhesion to the substrate.

PACKAGING INFORMATION

10m Roll	Standard Widths 100mm to 1000mm in 50mm increments
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FURTHER INFORMATION

The information herein is offered for general guidance only. Advice on specific applications is available on request from the Technical Department of Sika Industry.

Copies of the following publications are available on request:

- Installation Guide

BASIS OF PRODUCT DATA

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

HEALTH AND SAFETY INFORMATION

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

DISCLAIMER

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.