

## PRODUCT DATA SHEET

# Sika® Rooftop Aquapanel

HIGH PERFORMANCE CEMENT BOARD TO ADD STRUCTURAL STRENGTH TO INSULATED ROOFS

### PRODUCT DESCRIPTION

Sika® Rooftop Aquapanel is a lightweight cement board comprising of aggregated portland cement with a coated glass fibre mesh embedded on the surfaces.

### USES

For use in conjunction with Sikatherm MW DD insulation

### CHARACTERISTICS / ADVANTAGES

- Moisture and mold resistant
- Non-combustible (Class A1)
- Strong, robust and impact-resistant
- High compressive strength
- Simple and easy to install

### PRODUCT INFORMATION

<b>Packaging</b>	Full length and width boards in protective wrapping
<b>Shelf Life</b>	5 years from date of production
<b>Storage Conditions</b>	Sika® Rooftop Aquapanel must be protected from the effects of moisture and weather before installation. Boards that have become damp must be dried on both sides before use. Allow time for the boards to acclimatise to the ambient temperature and moisture conditions before installation. The material, ambient air and background temperature must not be below +5°C.
<b>Density</b>	8.5 kg/m <sup>2</sup> (approximately)
<b>Dimensions</b>	900 x 2400mm
<b>Thickness</b>	6mm
<b>Reaction to Fire</b>	A1 non-combustible according to EN 13501
<b>Thermal Conductivity</b>	0.34 W/mK
<b>Diffusion Resistance to Water Vapour</b>	48 μ (-) according to EN ISO 12572
<b>Microbiological Resistance</b>	No growth (IBR certified)
<b>Ambient Air Temperature</b>	Refer to roof waterproofing membrane system temperature limitations in Product Data Sheets.

## APPLICATION INSTRUCTIONS

Sika® Rooftop Aquapanel is attached to the insulation layers prior to the installation of the water proofing system, adhered in strict accordance with the project specification.

### SUBSTRATE QUALITY

The substrate surface must be uniform, smooth and free of any sharp protrusions or burrs, etc. It must be clean, dry and free of grease and dust.

### APPLICATION METHOD / TOOLS

Installation work must only be carried out by Sika® trained contractors, experienced in this type of application.

- To be bonded in SikaRoof® Adhesive-200 in strict accordance with the Product Data Sheets and project specification.
- The product is not classified as hazardous good for transport. Local safety regulations must be observed.
- During the construction process, the construction should be protected from rain penetration during breaks in the process.
- The use of some ancillary products such as adhesives, cleaners and solvents is limited to temperatures above +5 °C. Observe temperature limitations in the appropriate Product Data Sheets.
- Special measures may be compulsory for installation below +5 °C ambient temperature due to safety requirements in accordance with national regulations.

## 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.

## 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.

## ECOLOGY, HEALTH AND SAFETY

### 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.

**SIKA LIMITED**  
Watchmead  
Welwyn Garden City  
Hertfordshire, AL7 1BQ  
Tel: 01707 394444  
Web: [www.sika.co.uk](http://www.sika.co.uk)  
Twitter: @SikaLimited

**SIKA IRELAND LIMITED**  
Ballymun Industrial Estate  
Ballymun  
Dublin 11, Ireland  
Tel: +353 1 862 0709  
Web: [www.sika.ie](http://www.sika.ie)  
Twitter: @SikaIreland



**Product Data Sheet**  
Sika® Rooftop Aquapanel  
July 2020, Version 01.01  
020935111000005014

SikaRooftopAquapanel-en-GB-(07-2020)-1-1.pdf