

PRODUCT DATA SHEET

Sikatherm® GLF 400 FG1

CELLULAR GLASS THERMAL INSULATION BOARD

PRODUCT DESCRIPTION

Sikatherm® GLF 400 FG1 is an insulation board for inverted flat Roofing. It is part of the inverted roof system, is cellular glass with a pre-applied inorganic coating on the topside. Both the core material and the coating have an A1 -fire reaction classification.

USES

Thermal insulation used with specified Sika® inverted roof waterproofing.

CHARACTERISTICS / ADVANTAGES

- Produced with a blowing agent with zero Ozone Depletion Potential (ODP)
- Manufactured from specially graded recycled glass (≥ 60%)
- Low thermal conductivity
- Inorganic, contains no ozone depleting propellants, flame resistant additives or binders.
- No VOCs or other volatile substances
- Material complying with Euroclass A1, non-combustible

PRODUCT INFORMATION

Packaging	Full length and width boards in protective wrapping for transport
Shelf Life	Will not expire under normal conditions
Storage Conditions	The product must be stored in original unopened and undamaged sealed packaging in dry indoor conditions. If stored outside the boards must be stacked clear of the ground and covered with a polythene sheet or weatherproof tarpaulin. Boards that have become wet must be discarded. Always refer to packaging
Dimensions	600mm ± 3mm x 450mm ± 3mm
Thickness	See current price list
Density	100 kg/m ³

TECHNICAL INFORMATION

Thermal Conductivity	$\lambda_D \leq 0,038 \text{ W/(m}\cdot\text{K)}$ $\lambda_{cor} \leq 0.043 \text{ W/(m}\cdot\text{K)}$ = worst case
Reaction to Fire	Euroclass RtF A1 (EN 13501-1)

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.

FURTHER DOCUMENTS

Reference must be made to further documentation where applicable, such as relevant Sika specifications, application manual and installation or working instructions.

LIMITATIONS

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

ECOLOGY, HEALTH AND SAFETY

This product does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II

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.

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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