



ShieldGLASS Cellular Glass Insulation

Description

ShieldGLASS is a high compressive strength, non-combustible A1 Fire Rated cellular glass rigid thermal insulation board manufactured from specially graded recycled glass and natural raw materials. The insulation contains no ozone depleting propellants, flame resistant additives or binders and contains no volatile organic compounds or other volatile substances.

ShieldGLASS is a thermal insulation for use on podiums, flat roofs, balconies, terraces, floors, underground construction, lorry decks and car decks. In a flat roof scenario the system must have a finish such as ballast, slabs, living roofs, blue roofs etc.

TECHNICAL INFORMATION

Thermal Conductivity (W/(m.K))	30-150mm	0.045
Length (mm)		620 ±8
Width (mm)		470 ±3
Density (kg/m³)		135
Edge Profile		Square Edge
Service Temperature		-268-480 °C
Compressive Strength (mPa)		650
Colour		Black/Grey
Water Absorption		0.2%
Reaction to fire (Euroclass)		A1

Installation

- Use a suitable adhesive for adhesion to underground walls.
- Always consult the local regulations and contact the manufacturer for technical questions.
- A1 Non-Combustible Fire Rating

Hygiene, Health and Environment

The product does not contain any substance which is likely to be detrimental to your health or to the environment and complies with generally admitted Health and Safety Requirements.

For more information, please refer to the relevant safety data sheet.

Disclaimer

The evolution of new product design is continuous and information is subject to change without notice. Customers should check with the supplier to ensure that they have the latest details. Shield Membranes reserve the right to amend the technical information as deemed necessary and in accordance with the relevant national and international standards without notice.

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