



FOAMGLAS® ROOF BLOCK G1 T4+

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FOAMGLAS® ROOF BLOCK G1 T4+ consists of a FOAMGLAS® T4+ slab, the upper surface is covered with a white glass fibre facing. It allows adhering a second FOAMGLAS® layer or membrane with cold PU adhesive.

Form of delivery (content per pallet)

length x width [mm]	600 x 450							
thickness [mm]	40	50	60	70	80	90	100	110
units	120	96	80	68	60	52	48	40
square metre [m ²]	32.40	25.92	21.60	18.36	16.20	14.04	12.96	10.80

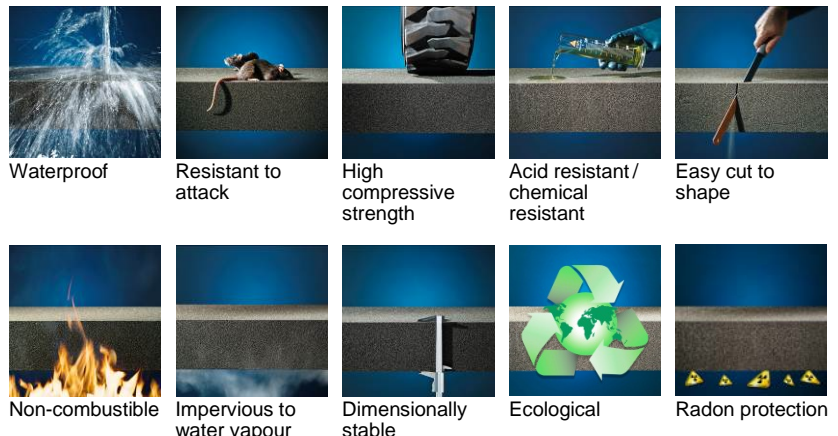
length x width [mm]	600 x 450							
thickness [mm]	120	130	140	150	160	170	180	
units	40	36	32	32	28	28	24	
square metre [m ²]	10.80	9.72	8.64	8.64	7.56	7.56	6.48	

Other dimensions and thicknesses are available on request.

General FOAMGLAS® Cellular Glass Insulation characteristics

- Description : FOAMGLAS® insulation is manufactured from specially graded recycled glass (≥ 60%) and natural raw materials which are available in abundant supply (sand, dolomite, lime...). The insulation is totally inorganic, contains no ozone depleting propellants, flame resistant additives or binders. Without VOC or other volatile substances.
- Reaction to fire (EN 13501-1) : Core material complying with Euroclass A1, non-combustible, no toxic fumes
- Service temperature limits : from -265°C to +430°C
- Water vapour resistance (EN ISO 10456) : $\mu = \infty$
- Hygroscopicity : zero
- Capillarity : zero
- Melting point (cf DIN 4102-17) : >1000 °C
- Thermal expansion coefficient (EN 13471) : $9 \times 10^{-6} \text{ K}^{-1}$
- Specific heat (EN ISO 10456) : 1000 J/(kg·K)

FOAMGLAS® characteristics :





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1. Product characteristics according to EN 13167¹⁾

Density ($\pm 10\%$) (EN 1602)	: 115 kg/m ³
Thickness (EN 823) ± 2 mm	: from 40 to 180 mm
Length (EN 822) ± 2 mm	: 600 mm
Width (EN 822) ± 2 mm	: 450 mm
Thermal conductivity (EN ISO 10456)	: $\lambda_D \leq 0.041$ W/(m·K)
Reaction to fire (EN 13501-1)	: Euroclass E (Core material Euroclass A1)
Point load (EN 12430)	: PL ≤ 1.5 mm
Compressive strength (EN 826 annexe A)	: CS ≥ 600 kPa
Bending strength (EN 12089)	: BS ≥ 450 kPa
Tensile strength (EN 1607)	: TR ≥ 150 kPa

¹⁾ CE-marking ensures conformity with the mandatory essential requirements of CPD as mentioned in EN 13167; within the CEN Keymark certification all mentioned characteristics are certified by an empowered, notified and accredited 3rd party.

2. Additional product characteristics

Thermal diffusivity at 0°C	: 4.2×10^{-7} m ² /sec
BRE Green Guide Rating	: A

3. Application area

Can be used in a one or two layer system as a first or second layer.

Possible finishing:

1. Second layer of FOAMGLAS[®] adhered with PC[®] 58, PC[®] 500, 2K PU ROYAL One Step Millennium Green adhesive, PC[®] SK-FIX.
2. Mechanically fixed fleece backed membrane (ex. TPO, PVC or bituminous membrane)
3. Fleece backed membrane glued with ROYAL PG1 adhesive or similar.