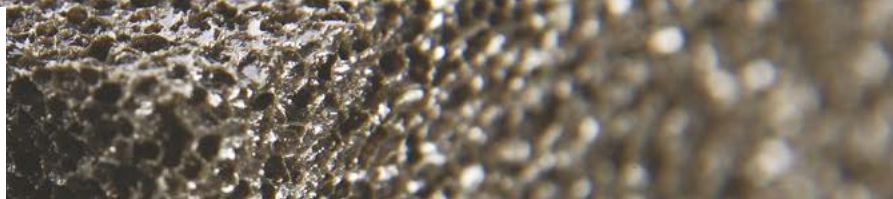




FOAMGLAS®

PRODUCT DATA SHEET

FOAMGLAS® ROOF BLOCK G1 T3+



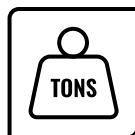
FOAMGLAS® ROOF BLOCK G1 T3+ consists of FOAMGLAS® T3+ slabs lined with a white glass fleece to allow direct cold applied waterproofing membranes.



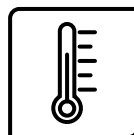
Product features



impermeable



high compressive strength



thermal performance



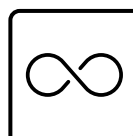
dimensionally stable



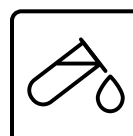
pest-proof



vapour-tight



durable



resistant to acid



resistant to radon gas

Applications

Insulation for:

- warm roofing systems with cold applied waterproofing
- suitable for concrete slabs, timber and metal decks and special substrates

Dimensions

Length x width (mm)	600 x 450							
Thickness (mm)	50	60	70	80	90	100	110	120
R _D (m ² K/W)	1.35	1.65	1.90	2.20	2.50	2.75	3.05	3.30

Length x width (mm)	600 x 450							
Thickness (mm)	130	140	150	160	170	180	190	200
R _D (m ² K/W)	3.60	3.85	4.15	4.40	4.70	5.00	5.25	5.55

Other dimensions and thicknesses are available on request.

Product characteristics conforming to EN 13167

Density (EN 1602) ± 15%	95 kg/m ³
Thickness (EN 823) ± 2 mm	50 - 200 mm
Length (EN 822) ± 2 mm	600 mm
Width (EN 822) ± 2 mm	450 mm
Thermal conductivity (EN ISO 10456)	$\lambda_D \leq 0.036 \text{ W/(m·K)}$
Reaction to fire (EN 13501-1)	Euroclass E
Point load (EN 12430)	≤ 1.5 mm
Compressive strength (EN 826 annexe A)	≥ 500 kPa
Compressive creep (EN 1606)	(1.5/1/50) 225
Bending strength (EN 12089)	≥ 400 kPa
Tensile strength (EN 1607)	≥ 150 kPa

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

Certificates

Keymark certificate

Environmental Product Declaration

General FOAMGLAS® characteristics

FOAMGLAS® insulation is made of recycled glass and natural raw materials which are available in abundant supply (sand, dolomite, lime, etc.). The insulation is inorganic, contains no ozone depleting propellants, flame resistant additives, binders, Volatile Organic Compounds (VOC's) or other volatile substances.

Water vapour resistance (EN ISO 10456)	$\mu = \infty$
Hygroscopicity (EN ISO 12571)	zero
Capillarity (EN 1015-18)	zero
Thermal expansion coefficient (EN 13471)	$9 \times 10^{-6} \text{ K}^{-1}$
Specific heat (EN ISO 10456)	1000 J/(kg·K)

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