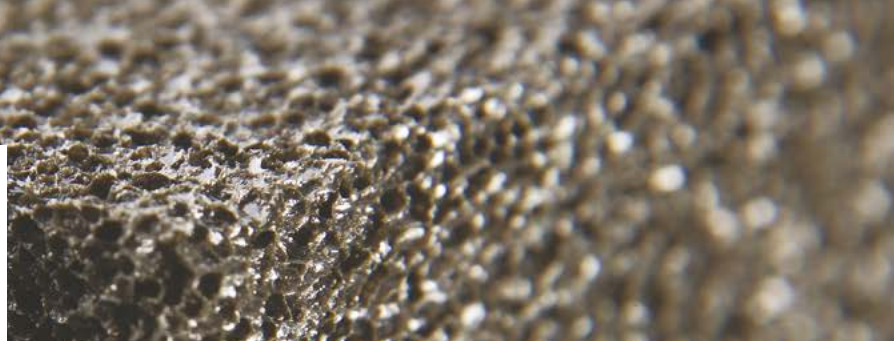


FOAMGLAS®

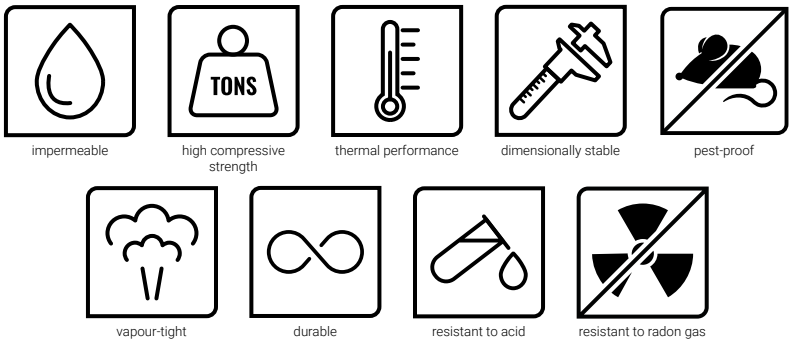
PRODUCT DATA SHEET

FOAMGLAS® READY BOARD T3+

FOAMGLAS® READY BOARD T3+ consists of FOAMGLAS® T3+ slabs bonded together with bitumen and lined with a PE foil that allows direct torch-on of waterproofing membranes. The lower side of the board is lined with a white glass fleece.

FM APPROVED

Product features



Applications

Roofing insulation allowing for torch-on waterproof membranes:

- warm roof applications (flat and pitched) including concrete, timber and metal substrates
- podium insulation

Dimensions

Length x width (mm)	1200 x 600									
Thickness (mm)	50	60	80	100	120	140	150	160	180	200
R_D (m^2K/W)	1.35	1.65	2.20	2.75	3.30	3.85	4.15	4.40	5.00	5.55

Product characteristics conforming to EN 13167

Density (EN 1602) ± 15%	95 kg/m³
Thickness (EN 823) ± 2 mm	50 - 200 mm
Length (EN 822) ± 5 mm	1200 mm
Width (EN 822) ± 2 mm	600 mm
Thermal conductivity (EN ISO 10456)	$\lambda_D \leq 0.036$ 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 (EPD)
FM approved	

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)	$9 \times 10^{-6}\ K^{-1}$
Specific heat (EN ISO 10456)	1000 J/(kg·K)