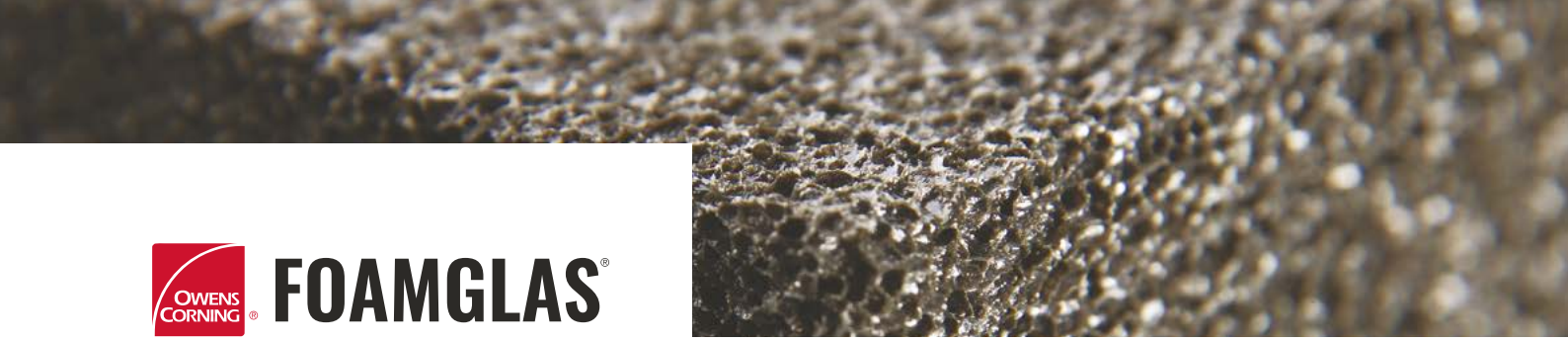


FOAMGLAS®

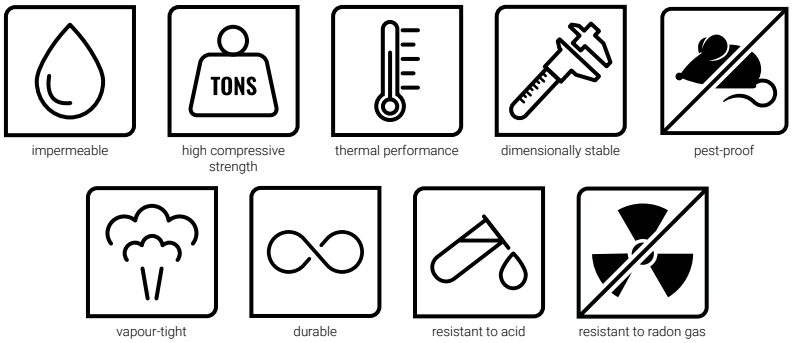
PRODUCT DATA SHEET

FOAMGLAS® READY T4+

FOAMGLAS® READY T4+ slabs are FOAMGLAS® T4+ slabs coated with a bitumen layer and lined with a PE foil to allow direct torch-on waterproofing membranes.

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
- heavy load roofs including vehicle access and equipment plant
- podium insulation

Dimensions

Length x width (mm)	600 x 450								
Thickness (mm)	40	50	60	70	80	90	100	110	120
R_D (m^2K/W)	0.95	1.20	1.45	1.70	1.95	2.20	2.40	2.65	2.90

Length x width (mm)	600 x 450							
Thickness (mm)	130	140	150	160	170	180	190	200
R_D (m^2K/W)	3.15	3.40	3.65	3.90	4.15	4.35	4.60	4.85

 | © 2025 Owens Corning. All rights reserved.

Product characteristics conforming to EN 13167

Density (EN 1602) ± 15%	110 kg/m^3
Thickness (EN 823) ± 2 mm	40 - 200 mm
Length (EN 822) ± 2 mm	600 mm
Width (EN 822) ± 2 mm	450 mm
Thermal conductivity (EN ISO 10456)	$\lambda_D \leq 0.041$ W/(m·K)
Reaction to fire (EN 13501-1)	Euroclass E
Point load (EN 12430)	≤ 1.5 mm
Compressive strength (EN 826 annexe A)	≥ 600 kPa
Compressive creep (EN 1606)	(1.5/1/50) 225
Bending strength (EN 12089)	≥ 450 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 x 10^{-6} K^{-1}
Specific heat (EN ISO 10456)	1000 J/(kg·K)

The information contained in this product data sheet is accurate and reliable to the best of our knowledge as of its date issued and is subject to change without prior notice. No guarantee of accuracy is given or implied. This document supersedes and replaces all information supplied prior to the publication hereof. The provision of this information should not be construed as a recommendation to use any of our products, nor to use any of our products in violation of any patent rights or in breach of any statute or regulation.

Since FOAMGLAS® business has no control over installation workmanship, accessory materials or conditions of application, no express or implied warranty of any kind, including those of merchantability or fitness for a particular purpose or course of performance or usage of trade, is made as to the performance of an installation containing FOAMGLAS® products. User is solely responsible for determining whether a FOAMGLAS® product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a FOAMGLAS® product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluates the FOAMGLAS® product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

Liability of FOAMGLAS® business, if any, is strictly limited to replacement of product. In no event shall FOAMGLAS® business be liable for any other damages arising because of product failure, whether incidental, special, consequential or punitive, regardless of the theory of liability upon which any such damages are claimed. Nothing in this document may be interpreted or construed as an offer to sell products that is open for acceptance.