



PITTSBURGH
CORNING
EUROPE
S. A. / N. V.

CE product declaration
of conformity
with EN 13167
& CPD-European Directive

FOAMGLAS
Building

The undersigned, representing

PCE - Pittsburgh Corning Europe
Albertkade 1
B 3980 TESSENDERLO

BELGIUM

having a **manufacturing plant** in

PCCR - Pittsburgh Corning CR, s.r.o.
IP Verne, Průmyslová 3
431 51 Klášterec nad Ohří

Czech Republic

herewith declares that the cellular glass EN13167-product:

FOAMGLAS® T4+ & FOAMGLAS® T4

is in conformity with the provisions of the European Directive of Construction Products (CPD) and the EN 13167 standard and in particular its Annex ZA and are subjected to system of attestation of conformity system 3.

The intended uses of these products are the thermal insulation for buildings.

The testing laboratories having carried out these tests are:

- Laboratorium voor Aanwending der Brandstoffen en Warmteoverdracht (Warrington Fire Safety Gent - WFR Gent), Ottergemsesteenweg 711, B-9000 Gent (notified EC/No. 1173) Belgium
- Belgian Building Research Institute (BBRI), Lozenberg 7, B-1932 St-Stevens-Woluwe, Belgium (notified EC/No. 1136)

For **FOAMGLAS® T4+ & FOAMGLAS® T4**, the characteristics determined in accordance with EN 13167, are given in the attached Annex A.

The declared thermal resistances (R_D -values) for the various types and thicknesses are given in Annex B.

This declaration was issued on 4/01/2010 and remains valid until 31/12/2010.

TESSENDERLO, BE

Piet VITSE
Director Standardisation & Approvals

Annex A (Normative)
FOAMGLAS® cellular glass products with their characteristics according EN13167:2008

Productname	Thickness (mm)	Thermal conductivity λ_p -declared (mW/m.K)	Thickness d (mm)	48h 70°C 90% RH(%) Dimens.stability DS	Point load PL (mm)	Reaction to fire	Compress. strength CS (kPa)	Bending Strength BS (kPa)	Tensile Strength perpendicular to faces TR(kPa)	Water Abs. long WS (kg/m ²)	Water Abs. Long WL (kg/m ²)	Water vapour resistance (μ)
FOAMGLAS® T4+	40-150	41	+/-2	$\Delta\epsilon_{l,b} \leq 0,5 / \Delta\epsilon_d \leq 1$	$\leq 1,5$	A1	≥ 600	≥ 450	≥ 100	$\leq 0,5$	$\leq 0,5$	≥ 40.000
FOAMGLAS® T4	40-150	42	+/-2	$\Delta\epsilon_{l,b} \leq 0,5 / \Delta\epsilon_d \leq 1$	≤ 1	A1	≥ 700	≥ 450	≥ 100	$\leq 0,5$	$\leq 0,5$	≥ 40.000

Annex B (Normative)

Declared thermal resistance (R_p -values)

Thickness (mm)	FOAMGLAS® T4+ $\lambda_p = 0,041$ W/m.K R_p -value m ² .K/W	FOAMGLAS® T4 $\lambda_p = 0,042$ W/m.K R_p -value m ² .K/W
40	0,95	0,95
50	1,20	1,15
60	1,45	1,40
70	1,70	1,65
80	1,95	1,90
90	2,15	2,10
100	2,40	2,35
110	2,65	2,60
120	2,90	2,85
130	3,15	3,05
140	3,40	3,30
150	3,65	3,55