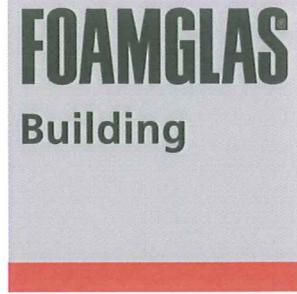




CE productdeclaration
of conformity
with EN 13167
& CPD-European Directive



The undersigned, representing

PCE - Pittsburgh Corning Europe
Albertkade 1
B 3980 TESSENDERLO

BELGIUM

having a **manufacturing plant** in
DFG – Deutsche Foamglas GmbH
Strasse des Friedens 6
D 98739 Schmiedefeld

GERMANY

herewith declares that the cellular glass EN13167-products :

- ⇒ **FOAMGLAS® W+F; FOAMGLAS® Wall Board W+F**
- ⇒ **FOAMGLAS® T4+; FOAMGLAS® Wall Board T4+; FOAMGLAS® Wall Board Alu T4+; FOAMGLAS® Ready Board T4+; FOAMGLAS® Ready Block T4+; FOAMGLAS® Floor Board T4+; FOAMGLAS® Tapered T4+**
- ⇒ **FOAMGLAS® T4; FOAMGLAS® Wall Board T4; FOAMGLAS® Wall Board Alu T4; FOAMGLAS® Ready Board T4; FOAMGLAS® Ready Block T4; FOAMGLAS® Floor Board T4; FOAMGLAS® Tapered T4**

are 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)
- Forschungsinstitut für Wärmeschutz (FIW), Lochhamer Schlag 4, D-82166 Gräfelfing (notified EC/ No. 751), Germany

For each product, 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 05/01/2010 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 (%) Dim.stability DS (%)	Point load PL (mm)	Reaction to fire (class)	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® W+F Wall Board W+F	40-140 40-140	38	+/-2	$\Delta\varepsilon_{l,b} \leq 0,5 / \Delta\varepsilon_d \leq 1$	NPD	A1 F	≥ 400	-	≥ 100	$\leq 0,5$	$\leq 0,5$	≥ 40.000
FOAMGLAS® T4+ Wall Board T4+ Wall Board Alu T4+ Ready Board T4+ Ready Block T4+ Floor Board T4+ Tapered® T4+	40-180 40-150 40-150 40-150 40-150 40-150 40-180	41	+/-2	$\Delta\varepsilon_{l,b} \leq 0,5 / \Delta\varepsilon_d \leq 1$	$\leq 1,5$	A1 F Ds2,d2 F F F A1	≥ 600	≥ 450	≥ 100	$\leq 0,5$	$\leq 0,5$	≥ 40.000
FOAMGLAS® T4 Wall Board T4 Wall Board Alu T4 Ready Board T4 Ready Block T4 Floor Board T4 Tapered® T4	40-180 40-150 40-150 40-150 40-150 40-150 40-180	42	+/-2	$\Delta\varepsilon_{l,b} \leq 0,5 / \Delta\varepsilon_d \leq 1$	≤ 1	A1 F Ds2,d2 F F F A1	≥ 700	≥ 450	≥ 100	$\leq 0,5$	$\leq 0,5$	≥ 40.000

Annex B (Normative)

Declared thermal resistance (R_D -values)

Thickness (mm)	FOAMGLAS® W+F & Foamglas® - Wall Board W+F	FOAMGLAS® T4+ & Foamglas® - Wall Board T4+ Wall Board Alu T4+ Ready Board T4+ Ready Block T4+ Floor Board T4+ Tapered® T4+	FOAMGLAS® T4 & Foamglas® - Wall Board T4 Wall Board Alu T4 Ready Board T4 Ready Block T4 Floor Board T4 Tapered® T4
	$\lambda_D = 0,038 \text{ W/m.K}$	$\lambda_D = 0,041 \text{ W/m.K}$ <small>(only λ_D declaration)</small>	$\lambda_D = 0,042 \text{ W/m.K}$ <small>(only λ_D declaration)</small>
	R_D-values in $\text{m}^2\text{K/W}$		
40	1,05	0,95	0,95
50	1,30	1,20	1,15
60	1,55	1,45	1,40
70	1,80	1,70	1,65
80	2,10	1,95	1,90
90	2,35	2,15	2,10
100	2,60	2,40	2,35
110	2,85	2,65	2,60
120	3,15	2,90	2,85
130	3,40	3,15	3,05
140	3,65	3,40	3,30
150	-	3,65	3,55
160	-	3,90	3,80
170	-	4,10	4,00
180	-	4,35	4,25