



DECLARATION OF PERFORMANCE
 DOP n° 120211050B 2019-01-01
FOAMGLAS®READY F



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|---|---|
| 1. Unique identification code of the product-type | FOAMGLAS®READY F DOP n° 120211050B 2019/01/01-ThIB-CG-EN13167-PL(P)1-DS(70,90)-CS(Y)1600-BS550-TR200-WS-WL(P)-CC(1,5/1/50)600-Mu |
| 2. Identification of the construction product as required under Art. 11(4) | Cellular glass - READY F |
| 3. Intended use or uses of the construction product | Thermal insulation for buildings |
| 4. Name and contact address of the manufacturer as required pursuant Art. 11(5) | PCE-Pittsburgh Corning Europe NV/SA - Albertkade 1 - B3980 Tessenderlo (B) www.foamglas.com quality-compliance@foamglas.com |
| 5. Name of the authorised representative whose mandate covers the tasks specified in Art. 12(2) | none |
| 6. System or systems AVCP as set out in Annex V | AVCP system 3 |
| 7. Harmonised standard | EN 13167 |
| Notified body | Thermal conductivity - BBRI (No. 1136) & FIW (No. 751) / Fire reaction - WFGRT (No. 1173) / Compressive strength - BBRI (No. 1136) |

8. Table 1

| Essential characteristics | Performance | |
|---|---|--|
| | Thermal resistance | Thermal resistance (RD-value) |
| | Thermal conductivity (λD-value) | λD ≤ 0.050 W/(m•K) |
| | Thickness | from 40 to 180 mm |
| Reaction to fire Euroclass characteristics | Reaction to fire | Euroclass E |
| Durability of thermal resistance against heat, weathering, ageing/degradation | Thermal resistance (RD-value) | RD-value see table 2 |
| | Thermal conductivity (λD-value) | λD ≤ 0.050 W/(m•K) |
| | Durability characteristics | Thermal conductivity of cellular glass products does not change with time, experience has shown the cell structure to be stable. |
| Durability of reaction to fire against heat, weathering, ageing/degradation | Dimensional Stability | DS (70/90) |
| | Durability characteristics | The fire performance of cellular glass does not deteriorate with time. |
| Compressive strength | Compressive strength | CS ≥ 1600 kPa |
| | Point load | PL ≤ 1 mm |
| Tensile/flexural strength | Bending Strength | BS ≥ 550 kPa |
| | Tensile strength parallel to faces | NPD |
| | Tensile strength perpendicular to faces | TR ≥ 200 kPa |
| Durability of compressive strength against aging degradation | Compressive creep | CC (1,5/1/50) 600 |
| Water permeability | Water absorption (short) | WS |
| | Water absorption (long) | WL(P) |
| Water vapour permeability | Water vapour resistance | ∞ infinite |
| Acoustic absorption index | Sound absorption | AP1 → NPD |
| Release of dangerous substances to the indoor environment | Release of dangerous substances | NPD |
| Continuous glowing combustion | Continuous glowing combustion | no glowing combustion |

EN 13167:2012 + A1:2015

Table 2

| Thickness (mm) | Thermal resistance (m²K / W) | Thickness (mm) | Thermal resistance (m²K / W) |
|----------------|------------------------------|----------------|------------------------------|
| 40 | 0,80 | 125 | 2,50 |
| 45 | 0,90 | 130 | 2,60 |
| 50 | 1,00 | 135 | 2,70 |
| 55 | 1,10 | 140 | 2,80 |
| 60 | 1,20 | 145 | 2,90 |
| 65 | 1,30 | 150 | 3,00 |
| 70 | 1,40 | 155 | 3,10 |
| 75 | 1,50 | 160 | 3,20 |
| 80 | 1,60 | 165 | 3,30 |
| 85 | 1,70 | 170 | 3,40 |
| 90 | 1,80 | 175 | 3,50 |
| 95 | 1,90 | 180 | 3,60 |
| 100 | 2,00 | | |
| 105 | 2,10 | | |
| 110 | 2,20 | | |
| 115 | 2,30 | | |
| 120 | 2,40 | | |

9. The performance of the product is in conformity with the declared performance. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer

Piet Vitse, European Director Norms & Standards, Product & Systems Certifications, Policy and Advocacy

Tessenderlo (B), 01.01.2019

Previous version: 01.01.2018