

**Declaration of Performance
No 231558**

1. Unique identification code of the product type:
Soudafoam Poly SPF o2
Soudafoam Iso SPF
2. Intended use or uses of the construction product:
Thermal insulation of walls, ceilings, roofs, suspended ceilings and floors.
3. Name and contact address of the manufacturer as required pursuant to Article 11(5):
Soudal NV, Everdongenlaan 18-20, 2300 Turnhout, Belgium
4. Authorized representative:
Not applicable
5. System or systems of assessment and verification of consistency of performance of the construction product, as set out in Annex V:
System 3
- 6a. Construction product in accordance with applicable harmonised specifications:
EN 14315-1: 2013

The notified body:

ITT for thermal conductivity performed by notified body nr.1640 (0101-L-20/1, 0101-L-20/2, 0101-L-20/3 and 0101-L-20/4)

ITT for short-term water absorption and water vapor permeability performed by notified body nr.1488 (LZM01-01103/20/Z00NZM)

ITT for reaction to fire performed by notified body nr.1488 (01614/20/Z00NZP)

7. Declared Performance:
EN 14315-1: 2013

Characteristics	Performance	Harmonized technical specification
Reaction to fire	E	EN 14315-1: 2013, 4.2.3
Water permeability (short term water intake by partial submersion)	0.107 kg/m ²	EN 14315-1:2013, 4.3.3 Test norm EN 1609, method B
Thermal resistance	See performance chart in Annex 1	EN 14315-1: 2013, 4.2.2
Water vapour permeability (μ)	6,26	EN 14315-1:2013, 4.3.2
Compressive strength	NPD	EN 14315-1:2013, 4.3.4 Test method EN 826
Closed cell content	CCC1	EN 14315-1: 2013, 4.2.6 Test Method ISO 4590
Core density	7 kg/m ³ ± 2 kg/m ³	EN 1602

Annex 1: Performance chart thermal resistance

Declared thermal conductivity λ_D [W/(m·K)] = $\lambda_{90/90}$ round up to 0,001 W/(m·K) Declared thermal resistance R_D [(m²·K)/W] = $d/\lambda_{90/90}$ round down to 0,05 (m²·K)/W			
Thickness [mm]	Both sides diffusion-open		
	$\lambda_{90/90}$ [W/(m·K)]	λ_D [W/(m·K)]	R_D [(m²·K)/W]
100	0,0367	0,037	2,70
105	0,0367	0,037	2,85
110	0,0367	0,037	2,95
115	0,0367	0,037	3,10
120	0,0367	0,037	3,25
125	0,0367	0,037	3,40
130	0,0367	0,037	3,50
135	0,0367	0,037	3,65
140	0,0367	0,037	3,80
145	0,0367	0,037	3,90
150	0,0367	0,037	4,05
155	0,0367	0,037	4,20
160	0,0367	0,037	4,35
165	0,0367	0,037	4,45
170	0,0367	0,037	4,60
175	0,0367	0,037	4,75
180	0,0367	0,037	4,90
185	0,0367	0,037	5,00
190	0,0367	0,037	5,15
195	0,0367	0,037	5,30
200	0,0367	0,037	5,40
205	0,0367	0,037	5,55
210	0,0367	0,037	5,70
215	0,0367	0,037	5,85
220	0,0367	0,037	5,95
225	0,0367	0,037	6,10
230	0,0367	0,037	6,25
235	0,0367	0,037	6,35
240	0,0367	0,037	6,50
245	0,0367	0,037	6,65
250	0,0367	0,037	6,80

The performance of the product identified above is in conformity with the set of declared performance(s). 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 on behalf of the manufacturer by

Ivan Boeykens,
Marketing Manager
Turnhout, 29/03/2021

