

**Declaration of Performance
No 231645**

1. Unique identification code of the product type:
**Soudafoam Poly SPF W2H
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, België
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 and water permeability performed by notified body nr.1136**ITT for compressive strength performed by notified body nr. 0957****ITT for Reaction to fire by notified body nr. 0764**

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)	0.08 kg/m ²	EN 14315-1:2013, 4.3.3 Test method EN 1609
Thermal resistance	See performance chart in Annex 1	EN 14315-1: 2013, 4.2.2
Water vapour permeability	NPD	EN 14315-1:2013, 4.3.2
Compressive strength	≥ 150kPa CS(Y)150	EN 14315-1:2013, 4.3.4 Test method EN 826
Durability of reaction to fire against ageing/degradation	NPD	EN 14315-1: 2013, 4.2.5.2
Durability of thermal resistance against ageing/degradation	NPD	EN 14315-1: 2013, 4.2.5.3 (in details 4.2.3 and 4.3.12)
Durability of compressive strength against ageing/degradation	NPD	EN 14315-1: 2013, 4.2.5.4
Deformation under specified pressure load and temperature conditions	DLT(2)5	EN 14315-1: 2013, 4.3.11 Test Method EN 1605
Dimensional stability under specified temperature- and moisture conditions	DS(TH)3	EN 14315-1:2013, 4.3.4 Test Method EN 1604
Continuous glowing combustion	NPD	EN 14315-1: 2013, 4.3.10
Closed cell content	CCC4	EN 14315-1: 2013, 4.2.6 Test Method ISO 4590

Annex 1: Performance chart thermal resistance

Thickness [mm]	Declared aged thermal conductivity λ_D [W/(m·K)] Declared thermal resistance R_D in [(m ² ·K)/W]					
	Both sides diffusion-open		One side diffusion tight		Two sides diffusion tight	
	λ_D	R_D	λ_D	R_D	λ_D	R_D
10	0,027	0,35	0,027	0,35	0,023	0,45
15	„	0,55	„	0,55	„	0,65
20	„	0,70	„	0,70	„	0,90
25	„	0,90	„	0,90	„	1,10
30	„	1,10	„	1,10	„	1,35
35	„	1,30	„	1,30	„	1,55
40	„	1,45	0,026	1,55	„	1,80
45	„	1,65	„	1,75	„	2,00
50	„	1,85	„	1,95	„	2,25
55	„	2,05	„	2,15	„	2,45
60	„	2,20	0,025	2,40	„	2,70
65	„	2,40	„	2,65	„	2,90
70	„	2,60	„	2,85	„	3,15
75	„	2,80	„	3,05	„	3,35
80	0,026	3,10	„	3,25	„	3,60
85	„	3,30	„	3,45	„	3,80
90	„	3,50	„	3,65	„	4,05
95	„	3,70	„	3,85	„	4,25
100	„	3,90	„	4,05	„	4,50
105	„	4,10	„	4,25	„	4,70
110	„	4,30	„	4,45	„	4,95
115	„	4,50	„	4,65	„	5,15
120	0,025	4,85	„	4,85	„	5,40
125	„	5,10	„	5,10	„	5,60
130	„	5,30	„	5,30	„	5,85
135	„	5,50	„	5,50	„	6,05
140	„	5,70	„	5,70	„	6,30
145	„	5,90	„	5,90	„	6,50
150	„	6,10	„	6,10	„	6,75
155	„	6,30	„	6,30	„	6,95
160	„	6,50	„	6,50	„	7,20
165	„	6,70	„	6,70	„	7,40
170	„	6,90	„	6,90	„	7,65
175	„	7,10	„	7,10	„	7,85
180	„	7,30	„	7,30	„	8,10
185	„	7,50	„	7,50	„	8,30
190	„	7,75	„	7,70	„	8,55
195	„	7,95	„	7,95	„	8,75
200	„	8,15	„	8,15	„	9,00

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, 26/04/2020

