

Declaration of Performance

H₂Foam Forte

DoP N° 0004/12-2018

Declared thermal resistance for all application thicknesses

1	Product name:	H ₂ Foam Forte
2	Intended use:	Thermal insulation for buildings
3	Manufacturer:	ICYNENE INC 6747 Campobello Road, Mississauga, Ontario, Canada, L5N 2L7 +1 905 363 4040 www.icynene.com
4	Authorised Representative:	ICYNENE Europe S.P.R.L. Clos Chapelle des Champs, Boite 3030, 1200 Brussels, Belgium +32 (0)2 880 62 33 www.icynene.eu
5	System of AVCP:	System 3
6	Harmonized Standard:	EN 14315-1
	Notified Body:	NB 1390

Thickness (mm)	Declared aged thermal conductivity, λ_d (W/mK)	Thermal Resistance Rd (m ² /KW)
20	0,033	0,60
25	0,033	0,75
30	0,033	0,90
35	0,033	1,05
40	0,033	1,20
45	0,033	1,35
50	0,033	1,50
55	0,033	1,65
60	0,033	1,80
65	0,033	1,95
70	0,033	2,10
75	0,033	2,25
80	0,033	2,40
85	0,033	2,55
90	0,033	2,70
95	0,033	2,85
100	0,033	3,00
105	0,033	3,15
110	0,033	3,30
115	0,033	3,45
120	0,033	3,60
125	0,033	3,75
130	0,033	3,90
135	0,033	4,05
140	0,033	4,20
145	0,033	4,35
150	0,033	4,50
155	0,033	4,65
160	0,033	4,80
165	0,033	5,00
170	0,033	5,15
175	0,033	5,30
180	0,033	5,45
185	0,033	5,60
190	0,033	5,75
195	0,033	5,90
200	0,033	6,05

7. Declared performance

Characteristic	Performance	Harmonized Standard
Reaction to Fire	Euroclass E	EN 14315-1:2013
Water Permeability	W0,06	
Thermal Resistance	see attached table for values of declared thermal resistance	
Water Vapor Permeability	MU32	
Compressive Strength	CS(10\Y)200	
Durability of reaction to fire against ageing/ degradation	Reaction to fire does not decrease with time	
Durability of thermal resistance against ageing/ degradation (λ_d, R_d)	Declared thermal conductivity value after ageing $\lambda_D = 0,033$ W/mK, see attached table for values of declared thermal resistance	
Durability compressive strength against ageing/ degradation	NPD	
Continuous Glowing Combustion	NPD	

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 and on behalf of the manufacturer by:



Jan Vimr
Supply Chain Director

March, 2019
DoP : Declaration of performance
CPR : Construction Product Regulation Declaration
of Performance DoP N° 0004/12-2018