

Declaration of Performance

H₂Foam Lite E

DoP N° 0012/09-2020

Declared thermal resistance for all application thicknesses

1	Product name:	H ₂ Foam Lite E V6
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 K/W)	Thickness (mm)	Declared aged thermal conductivity, λ_d (W/mK)	Thermal Resistance Rd (m ² K/W)
50	0,035	1,43	225	0,035	6,43
55	0,035	1,57	230	0,035	6,57
60	0,035	1,71	235	0,035	6,71
65	0,035	1,86	240	0,035	6,86
70	0,035	2,00	245	0,035	7,00
75	0,035	2,14	250	0,035	7,14
80	0,035	2,29	255	0,035	7,29
85	0,035	2,43	260	0,035	7,43
90	0,035	2,57	265	0,035	7,57
95	0,035	2,71	270	0,035	7,71
100	0,035	2,86	275	0,035	7,86
105	0,035	3,00	280	0,035	8,00
110	0,035	3,14	285	0,035	8,14
115	0,035	3,29	290	0,035	8,29
120	0,035	3,43	295	0,035	8,43
125	0,035	3,57	300	0,035	8,57
130	0,035	3,71	305	0,035	8,71
135	0,035	3,86	310	0,035	8,86
140	0,035	4,00	315	0,035	9,00
145	0,035	4,14	320	0,035	9,14
150	0,035	4,29	325	0,035	9,29
155	0,035	4,43	330	0,035	9,43
160	0,035	4,57	335	0,035	9,57
165	0,035	4,71	340	0,035	9,71
170	0,035	4,86	345	0,035	9,86
175	0,035	5,00	350	0,035	10,00
180	0,035	5,14	355	0,035	10,14
185	0,035	5,29	360	0,035	10,29
190	0,035	5,43	365	0,035	10,43
195	0,035	5,57	370	0,035	10,57
200	0,035	5,71	375	0,035	10,71
205	0,035	5,86	380	0,035	10,86
210	0,035	6,00	385	0,035	11,11
215	0,035	6,14	390	0,035	11,14
220	0,035	6,29	395	0,035	11,29
			400	0,035	11,43

7. Declared performance

Characteristic	Performance	Harmonized Standard
Reaction to Fire	Euroclass E	EN 14315-1:2013
Water Permeability	W0,3	
Thermal Resistance	see attached table for values of declared thermal resistance	
Water Vapor Permeability	MU2,3	
Compressive Strength	NPD	
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 $\lambda_D = 0,035$ W/mK, see attached table for values of declared thermal resistance	
Durability compressive strength against ageing/ degradation	NPD	
Heat capacity	1.440 J/KgK	

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
 February, 2020
 DoP : Declaration of performance
 CPR : Construction Product Regulation Declaration
 of Performance DoP N°0012/09-2020