Declaration of Performance

H_2Foam Lite

DoP N° 0002/12-2017

1	Product name :	H_2Foam Lite
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

7 Performances déclarées :

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 Vapour Permeability	MU3,3	
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	Declared thermal conductivity value after ageing λD = 0,038 W/mK, See attached table for values of declared thermal resistance	
Durability of compressive strength against ageing / degradation	NPD	
Continue Glowing Combustion	NPD	

Declared thermal resistance for all application thicknesses

Thickness (mm)	Declared aged thermal conductivity λd (W/mK)	Thermal resistance Rd (m^2K/W)	Thickness (mm)	Declared aged thermal conductivity λd (W/mK)	Thermal resistance Rd (m^2K/W)
50	0,038	1,30	225	0,038	5,90
55	0,038	1,40	230	0,038	6,05
60	0,038	1,55	235	0,038	6,15
65	0,038	1,70	240	0,038	6,30
70	0,038	1,80	245	0,038	6,40
75	0,038	1,95	250	0,038	6,55
80	0,038	2,10	255	0,038	6,70
85	0,038	2,20	260	0,038	6,80
90	0,038	2,35	265	0,038	6,95
95	0,038	2,50	270	0,038	7,10
100	0,038	2,60	275	0,038	7,20
105	0,038	2,75	280	0,038	7,35
110	0,038	2,85	285	0,038	7,50
115	0,038	3,00	290	0,038	7,60
120	0,038	3,15	295	0,038	7,75
125	0,038	3,25	300	0,038	7,85
130	0,038	3,40	305	0,038	8,00
135	0,038	3,55	310	0,038	8,15
140	0,038	3,65	315	0,038	8,25
145	0,038	3,80	320	0,038	8,40
150	0,038	3,90	325	0,038	8,55
155	0,038	4,05	330	0,038	8,65
160	0,038	4,20	335	0,038	8,80
165	0,038	4,30	340	0,038	8,95
170	0,038	4,45	345	0,038	9,05
175	0,038	4,60	350	0,038	9,20
180	0,038	4,70	355	0,038	9,30
185	0,038	4,85	360	0,038	9,45
190	0,038	5,00	365	0,038	9,60
195	0,038	5,10	370	0,038	9,70
200	0,038	5,25	375	0,038	9,85
205	0,038	5,35	380	0,038	10,00
210	0,038	5,50	385	0,038	10,10
215	0,038	5,65	390	0,038	10,25
220	0,038	5,75	395	0,038	10,35
			400	0,038	10,50

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
Product manager
July, 2018
DoP : Declaration of performance
CPR : Construction Product Regulation
Declaration of performance DoP No 0002/12-2017

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