



H2FOAMLITE PLUS

DECLARATION OF PERFORMANCE

SECTION 1: Product Name

H2Foam Lite Plus

SECTION 2: Intended use

Thermal insulation for buildings

SECTION 3: Manufacturer

ICYNENE LAPOLLA SPRL
Clos Chapelle aux Champs, 30-B-1200 BRUSSELS
BELGIUM

SECTION 4: Authorised Representative

Not relevant

SECTION 5: System of AVCP:

System 3

SECTION 6: Harmonized Standard

Harmonized Standard EN 14315-1 and EN 12667

Notified Body NB 1020

SECTION 7: Declared Performance

Characteristic	Performance	Harmonized Standard
Reaction to Fire	Euroclass E	EN 14315-1:2013 and EN 12667
Water Permeability	W0,6	
Thermal Resistance	See attached table for values of declared thermal resistance	
Water Vapor Permeability	MU2	
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 aging $\lambda_D = 0,036$ W/mK, see attached table for values of declared thermal resistance	
Durability compressive strength against ageing/degradation	NPD	
Continuous Glowing Combustion	NPD	

Declared thermal resistance for all application thicknesses

Thickness (mm)	Declared aged thermal conductivity λ_d (W/mK)	Thermal resistance R_d (m ² K/W)	Thickness (mm)	Declared aged thermal conductivity λ_d (W/mK)	Thermal resistance R_d (m ² K/W)
60	0,036	1,65	235	0,036	6,50
65	0,036	1,80	240	0,036	6,65
70	0,036	1,90	245	0,036	6,80
75	0,036	2,05	250	0,036	6,90
80	0,036	2,20	255	0,036	7,05
85	0,036	2,35	260	0,036	7,20
90	0,036	2,50	265	0,036	7,35
95	0,036	2,60	270	0,036	7,50
100	0,036	2,75	275	0,036	7,60
105	0,036	2,90	280	0,036	7,75
110	0,036	3,05	285	0,036	7,90
115	0,036	3,15	290	0,036	8,05
120	0,036	3,30	295	0,036	8,15
125	0,036	3,45	300	0,036	8,30
130	0,036	3,60	305	0,036	8,45
135	0,036	3,75	310	0,036	8,60
140	0,036	3,85	315	0,036	8,75
145	0,036	4,00	320	0,036	8,85
150	0,036	4,15	325	0,036	9,00
155	0,036	4,30	330	0,036	9,15
160	0,036	4,40	335	0,036	9,30
165	0,036	4,55	340	0,036	9,40
170	0,036	4,70	345	0,036	9,55
175	0,036	4,85	350	0,036	9,70
180	0,036	5,00	355	0,036	9,85
185	0,036	5,10	360	0,036	10,00
190	0,036	5,25	365	0,036	10,10
195	0,036	5,40	370	0,036	10,25
200	0,036	5,55	375	0,036	10,40
205	0,036	5,65	380	0,036	10,55
210	0,036	5,80	385	0,036	10,65
215	0,036	5,95	390	0,036	10,80
220	0,036	6,10	395	0,036	10,95
225	0,036	6,25	400	0,036	11,10
230	0,036	6,35			

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:

DoP : Declaration of Performance

CPR : Construction Product Regulation

Declaration of Performance

DoP 003/03-2021

Pierre-Antoine BERTIER

EU Certification Director