



H2FOAM LITE v24

DECLARATION OF PERFORMANCE

SECTION 1: PRODUCT NAME

H2Foam Lite v24

SECTION 2: INTENDED USE

Thermal insulation for buildings

SECTION 3: MANUFACTURER PLANT ADDRESS

HUNTSMAN BUILDING SOLUTIONS EUROPE BV
Grijpenlaan 18, 3300 TIENEN, BELGIUM

SECTION 4: AUTHORISED REPRESENTATIVE

Not relevant

SECTION 5: SYSTEM/S OF AVCP

System 3

SECTION 6: HARMONIZED STANDARD

Harmonized Standard EN 14315-1 and EN 12667

Noyified Body NB 1023

SECTION 7: DECLARED PERFORMANCE

CHARACTERISTICS	PERFORMANCE	HARMONISED 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(λ_d, R_d)	Declared thermal conductivity value after aging $\lambda_D = 0,038$ W/mK, see attached table for values of declared thermal resistance	
Durability compressive strength against ageing/degradation	NPD	
Continuous Glowing Combustion	NPD	

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

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:

August 2024
DoP : Declaration of Performance
CPR : Construction Product Regulation
Declaration of Performance
DoP 007/08-2024


Pierre-Antoine BERTIER
EU Certification Director