

Declaration of Performance

(Construction Products Regulation No. 305/2011 as it has effect in the United Kingdom)

No. 3G04-0017-01-UKA-22

EN

1.	Unique identification code of the product type:	<p>In-situ formed dispensed rigid polyurethane foam system (PU):</p> <p>- Elastopor H 1771/1 : IsoPMDI 92140 Designation Code: PU EN 14318-1-CCC4-CT38(20)-GT185(20)-TFT370(20)-FRB43(20)-MU85-W0,2</p>
2.	Intended use/es:	<p>ThIB - Thermal Insulation for Buildings</p>
3.	Manufacturer:	<p>BASF Plc Wimsey Way. Somercotes DE55 4NL Alfreton UNITED KINGDOM</p>
4.	Authorised representative:	<p>Not relevant.</p>
5.	System/s of AVCP:	<p>System AVCP 4 for Reaction to Fire.</p> <p>System AVCP 3 for the rest of essential characteristics.</p>
6a.	<p>Designated standard:</p> <p>Approved body/ies:</p>	<p>EN 14318-1:2013 + NB-CPR/SG19-17/167r2 (24/01/2018)</p> <p>The notified testing laboratory CEIS/CENTRO DE ENSAYOS, INNOVACION Y SERVICIOS (1722) performed the test reports on Thermal resistance declared under system AVCP 3 (No. CAT-0055/21-1).</p> <p>The notified testing laboratory Forschungsinstitut für Wärmeschutz e. V. München (0751) performed the test reports on Water vapour permeability declared under system AVCP 3 (No. L1-18-049).</p> <p>The notified testing laboratory Forschungsinstitut für Wärmeschutz e. V. München (0751) performed the test reports on Water permeability declared under system AVCP 3 (No. L1-18-049).</p>
6b.	<p>UK Assessment Document:</p> <p>UK Technical Assessment:</p> <p>Technical Assessment Body:</p> <p>Approved body/ies:</p>	<p>Not relevant.</p>

7. Declared performance/s:

<i>Essential characteristics</i>	<i>Performance</i>	<i>Designated technical specification</i>
Reaction to fire	No performance declared (NPD)	EN 13501-1
Water permeability	Short term water absorption by partial immersion: $\leq 0.2 \text{ kg/m}^2$	EN 1609 Method B
Release of dangerous substances to the indoor environment	No harmonized test method available	EN 14318-1:2013
Thermal resistance	See performance chart	EN 14318-1:2013 + NB-CPR/SG19-17/167r2 (24/01/2018)
Water vapour permeability	Water vapour resistance factor: 85	EN 12086 Method A
Durability of reaction to fire against ageing/degradation	No performance declared (NPD)	EN 14318-1:2013
Durability of thermal resistance against ageing/degradation	See performance chart	EN 14318-1:2013 + NB-CPR/SG19-17/167r2 (24/01/2018)
Continuous glowing combustion	No harmonized test method available	EN 14318-1:2013

Performance chart

Type of facing: None or diffusion open		
Thickness	Declared aged thermal conductivity	Thermal resistance level
	(λ_D) W/(m·K)	(R_D) m ² ·K/W
30 mm	0.027	1.10
35 mm	0.027	1.30
40 mm	0.027	1.45
45 mm	0.027	1.65
50 mm	0.027	1.85
55 mm	0.027	2.00
60 mm	0.027	2.20
65 mm	0.027	2.40
70 mm	0.027	2.60
75 mm	0.027	2.75
80 mm	0.026	3.10
85 mm	0.026	3.30
90 mm	0.026	3.50
95 mm	0.026	3.65
100 mm	0.026	3.85
105 mm	0.026	4.05
110 mm	0.026	4.25
115 mm	0.026	4.45
120 mm	0.025	4.85
125 mm	0.025	5.05
130 mm	0.025	5.25
135 mm	0.025	5.45
140 mm	0.025	5.65
145 mm	0.025	5.85
150 mm	0.025	6.05
155 mm	0.025	6.25
160 mm	0.025	6.45
165 mm	0.025	6.65
170 mm	0.025	6.85
175 mm	0.025	7.05
180 mm	0.025	7.25
185 mm	0.025	7.45
190 mm	0.025	7.65
195 mm	0.025	7.90
200 mm	0.025	8.10

8. Appropriate Technical Documentation and/or Specific Technical Documentation:

SP-30/21

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:

Name and function	Place and date of issue	Signature
Christopher GATER Sales Construction UK	Alfreton (United Kingdom) 26/09/2022	
Nicholas MAYBURY Operations PU Alfreton	Alfreton (United Kingdom) 26/09/2022	

