

## Declaration of Performance

(Construction Products Regulation No. 305/2011)

**No. 3G04-0005-01-CPR-14**

EN

1.	Unique identification code of the product type:	<b>In-situ formed sprayed rigid polyurethane foam system (PU):</b>  <b>- Elastospray 1601/7 : IsoPMDI 92140</b> Designation Code: PU EN 14315-1-CCC1-CT5(20)-GT9(20)-TFT10(20)-FRB20.5(20)
2.	Intended use/es:	<b>ThIB - Thermal Insulation for Buildings</b>
3.	Manufacturer:	<b>BASF Plc</b> <b>Wimsey Way, Somercotes</b> <b>DE55 4NL Alfreton</b> <b>UNITED KINGDOM</b>
4.	Authorised representative:	<b>Not relevant.</b>
5.	System/s of AVCP:	<b>System AVCP 4 for Reaction to Fire.</b>  <b>System AVCP 3 for the rest of essential characteristics.</b>
6a.	Harmonised standard:	<b>EN 14315-1:2013</b>
	Notified body/ies:	The notified testing laboratory Building Investigation and Testing Services (Surrey) Limited (1334) performed the test reports on the characteristics declared under system AVCP 3.
6b.	European Assessment Document:	<b>Not relevant.</b>
	European Technical Assessment:	
	Technical Assessment Body:	
	Notified body/ies:	

## 7. Declared performance/s:

<i>Essential characteristics</i>	<i>Performance</i>	<i>Harmonized technical specification</i>
Reaction to fire	F	EN 13501-1
Water permeability	No performance declared (NPD)	EN 1609 Method B
Thermal resistance	See performance chart	EN 14315-1:2013
Water vapour permeability	No performance declared (NPD)	EN 12086 Method A
Compressive strength	No performance declared (NPD)	EN 826
Durability of reaction to fire against ageing/degradation	Reaction to fire does not decrease with time	EN 14315-1:2013
Durability of thermal resistance against ageing/degradation	See performance chart	EN 14315-1:2013
Durability of compressive strength against ageing/degradation	Compression strength does not decrease with time	EN 14315-1:2013
Continuous glowing combustion	No harmonized test method available	EN 14315-1:2013

## Performance chart

Type of facing: Cut foam without facings		
Thickness	Declared aged thermal conductivity	Thermal resistance level
	$\lambda_D$ W/m·K	$R_D$ m <sup>2</sup> ·K/W
30 mm	0.039	0.75
35 mm	0.039	0.90
40 mm	0.039	1.00
45 mm	0.039	1.15
50 mm	0.039	1.25
55 mm	0.039	1.40
60 mm	0.039	1.55
65 mm	0.039	1.65
70 mm	0.039	1.80
75 mm	0.039	1.90
80 mm	0.039	2.05
85 mm	0.039	2.15
90 mm	0.039	2.30
95 mm	0.039	2.45
100 mm	0.039	2.55
105 mm	0.039	2.70
110 mm	0.039	2.80
115 mm	0.039	2.95
120 mm	0.039	3.10
125 mm	0.039	3.20
130 mm	0.039	3.35
135 mm	0.039	3.45
140 mm	0.039	3.60
145 mm	0.039	3.70
150 mm	0.039	3.85
155 mm	0.039	4.00
160 mm	0.039	4.10
165 mm	0.039	4.25
170 mm	0.039	4.35
175 mm	0.039	4.50
180 mm	0.039	4.65
185 mm	0.039	4.75
190 mm	0.039	4.90
195 mm	0.039	5.00
200 mm	0.039	5.15

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

**Not relevant.**

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 Business Manager - Construction	Alfreton (United Kingdom) 01/11/2014	