



Declaration of Performance

Nr. 14315-747-03-CPR-14

1	Unique identification code of the product type	Baymer® Spray AL 747 – Desmodur® 44V20L <i>Designation code: PU EN 14315-1 – CT4(20)-GT11(20)-TFT14(20)-FRB45,2(20)- DS(TH)3-CCC4-W0,2-CS(10\Y)400- MU59</i>
2	Intended use/es	Thermal insulating products for buildings – Insitu formed sprayed rigid polyurethane (PUR) and polyisocyanurate (PIR) foam products
3	Manufacturer	Covestro BV Korte Groningerweg 1a 9607 PS Foxhol Nederland
4	Authorised representative	Not relevant
5	System/s of AVCP	System 3
6a	Harmonised standard	EN 14315-1:2013
	Notified body/ies	IKOB BKB Ringveste 1, 3990 GB Houten, Nederland <i>Notified Body No. 0957</i> ÉMI Építésügyi Minőségellenorzo Innovációs Nonprofit Kft. Diószegi út 37. 1113 Budapest Hungary <i>Notified Body No. 1415</i> Materialprüfungsamt Nordrhein-Westfalen (MPA NRW) Marsbruchstraße 186 44287 Dortmund Duitsland <i>Notified Body No. 0432</i>
6b	European Assessment Document European Technical Assessment Technical Assessment Body Notified body/ies	Not relevant



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7 Declared performance/s **See table**

Essential characteristics	Performance	Specifications
Reaction to fire	E	EN 13501-1
Water permeability	0,2 kg/m ² <i>Short term water absorption by partial immersion</i>	EN 1609 Method B
Thermal resistance	See performance chart	EN 14315-1:2013
Water vapour permeability	59 <i>μ value</i>	EN 12086 method A
Compressive strength	CS(10/Y)400	EN 826:2013
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 reaction to fire 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

8 Appropriate Technical Documentation and/or Specific Technical Documentation **Not relevant**



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Performance chart

Type of facing: None or diffusion open		
Thickness	Declared aged thermal conductivity (λD)	Thermal resistance level (RD)
<i>mm</i>	<i>W/m·K</i>	<i>m²·K/W</i>
30	0,025	1,20
35	0,025	1,40
40	0,025	1,60
45	0,025	1,80
50	0,025	2,00
55	0,025	2,20
60	0,025	2,40
65	0,025	2,60
70	0,025	2,80
75	0,025	3,00
80	0,025	3,20
85	0,026	3,25
90	0,026	3,45
95	0,026	3,65
100	0,026	3,85
105	0,026	4,05
110	0,026	4,25
115	0,026	4,40
120	0,026	4,60
125	0,026	4,80
130	0,026	5,00
135	0,026	5,20
140	0,026	5,40
145	0,026	5,60
150	0,026	5,75
155	0,026	5,95
160	0,026	6,15
165	0,026	6,35
170	0,026	6,55
175	0,026	6,75
180	0,026	6,90
185	0,026	7,10
190	0,026	7,30
195	0,026	7,50
200	0,026	7,70

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

Alix Uitham
Marketing & Sales manager

Foxhol
17-08-2016

Ceren Özdilek
R&D manager

Foxhol
17-08-2016