

DECLARATION OF PERFORMANCE

No 04DOP-2019-EN

1. Unique identification code of the product type:

EKOPRODUR S0310/E

PU EN14315-1-W0,85-CS(10/Y)5-MU3

2. Intended use:

Polyurethane (PUR) in-situ formed spray foam for thermal insulation. For professional use.

Intended uses: Thermal insulation of ceilings, roofs and suspended ceilings.

3. Manufacturer:

PCC Prodex Sp. z o.o.

56-120 Brzeg Dolny, ul. Henryka Sienkiewicza 4

4. System of AVCP:

System 3

5. Harmonized standard:

EN 14315-1:2013-06

Notified body:

No 1488

Instytut Techniki Budowlanej

00-611 Warszawa, ul. Filtrowa 1

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PCC. synergies at work

PCC PRODEX Sp. z o.o., ul. Sienkiewicza 4, 56-120 Brzeg Dolny


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6. Declared performance:

Essential characteristics in accordance with PN-EN 14315-1:2013-06	Performance
Reaction to fire	Class E
Short-term water absorption by partial immersion, W_p	0,85 kg/m ²
Thermal resistance and thermal conductivity, declared aged heat transfer coefficient λ_D	$\lambda_D = 0,038$ W/mK See Appendix 1
Water vapour diffusion resistance factor, μ	MU3
Compressive stress at 10% deformation, σ_{10}	CS(10\Y)5
Durability of reaction to fire against ageing/degradation	Does not decrease with time
Durability of thermal resistance against ageing/degradation	Aged heat transfer coefficient λ_D determined according to Annex C, predicting 25 years ageing
Durability of compressive strength against ageing/degradation	Does not decrease with time, may improve with time
Continuous glow combustion	NPD

7. The performance of the product identified above is in conformity with the set of declared performance. 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:


PCC PRODEX Spółka z o.o.
 56-120 Brzeg Dolny, ul. Sienkiewicza 4
 tel. 71 794 34 10
 BDO 0000311803, NIP 522-18-03-295

Brzeg Dolny, 15.10.2019

Stanisław Myszor
Technologist

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Prezes Zarządu
Krzysztof Bułka

Siedziba główna: Brzeg Dolny
KRS 0000024928
NIP: 522-18-03-295
REGON: 012290187
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Appendix 1. Insulation characteristics versus material thickness

λ_D [W/(m·K)]	d [mm]	R [(m ² K)/W]	U [W/(m ² K)]
0,038	30	0,789	1,267
0,038	35	0,921	1,086
0,038	40	1,053	0,950
0,038	45	1,184	0,844
0,038	50	1,316	0,760
0,038	55	1,447	0,691
0,038	60	1,579	0,633
0,038	65	1,711	0,585
0,038	70	1,842	0,543
0,038	75	1,974	0,507
0,038	80	2,105	0,475
0,038	85	2,237	0,447
0,038	90	2,368	0,422
0,038	95	2,500	0,400
0,038	100	2,632	0,380
0,038	110	2,895	0,345
0,038	120	3,158	0,317
0,038	130	3,421	0,292
0,038	140	3,684	0,271
0,038	150	3,947	0,253
0,038	160	4,211	0,238
0,038	170	4,474	0,224
0,038	180	4,737	0,211
0,038	190	5,000	0,200
0,038	200	5,263	0,190
0,038	210	5,526	0,181
0,038	220	5,789	0,173
0,038	230	6,053	0,165
0,038	240	6,316	0,158
0,038	250	6,579	0,152
0,038	260	6,842	0,146
0,038	270	7,105	0,141
0,038	280	7,368	0,136
0,038	290	7,632	0,131
0,038	300	7,895	0,127

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