

DECLARATION of PERFORMANCE EN 14315-1 and 2:2013

Construction Products Regulation no 305/2011

Manufacturer	ASTECO s.r.o.
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The unique identification code of the product type	PURTECO PSC 35 close-cell polyurethane foam applied in 2K systems (PU) PN EN 14315-1-CCC4-CT4(20)-GT8(20)-TFT10(20)-FRB30(20)-W0,2-MU70
Intended use/es	ThIB - Thermal insulation of buildings - In-situ formed dispensed rigid polyurethane foam system (PU)
System/s of AVCP	System AVCP 3 for the rest of the essential characteristics
Harmonized standard:	EN 14315-1 i 2: 2013
Notified body/is:	Performed the test according to AVCP 3 The notified testing laboratory CDENYS, (1722) performed the test reports on the other declared characteristics
Data aktualizacji	11-09-2019

PERFORMANCE CHART

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	Euroclass E Reaction to fire does not decrease within the time	EN 13501-1:2007 EN 14315-1:2013
Water permeability	Short-term water absorption by partial immersion: 0,2 kg/m ²	EN 1609
Thermal resistance	0,025-0,028 W/(m.K) Details at the performance chart	EN 14315 1:2013
Water vapor permeability	Water vapor resistance factor: $\mu = 70$	EN 12086
The durability of reaction to fire against aging/degradation	See performance chart	EN 14315 1:2013
The durability of thermal resistance against aging/degradation	Compressive strength does not decrease with time	EN 14315 1:2013
Continuous glowing combustion	No harmonized test method available	EN 14315 1:2013

PERFORMANCE CHART

Thickness	Declared ageing thermal conductivity W/m·K	Thermal resistance R=m2 ·K/W
30 mm	0,028	1,10
35 mm	0,028	1,30
40 mm	0,028	1,40
45 mm	0,028	1,60
50 mm	0,028	1,80
55 mm	0,028	2,00
60 mm	0,028	2,10
65 mm	0,028	2,30
70 mm	0,028	2,50
75 mm	0,028	2,70
80 mm	0,026	3,10
85 mm	0,026	3,30
90 mm	0,026	3,50
95 mm	0,026	3,70
100 mm	0,026	3,80
105 mm	0,026	4,00
110 mm	0,026	4,20
115 mm	0,026	4,40
120 mm	0,025	4,80
125 mm	0,025	5,00
130 mm	0,025	5,20
135 mm	0,025	5,40
140 mm	0,025	5,60
145 mm	0,025	5,80
150 mm	0,025	6,00
155 mm	0,025	6,20
160 mm	0,025	6,40
165 mm	0,025	6,60
170 mm	0,025	6,80
175 mm	0,025	7,00
180 mm	0,025	7,20

Performance of the products 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. DoP in pdf format availability in the Asteco website.

Signed for and on behalf of the manufacturer by: Jan Moksik – Technical & Quality Director

Asteco Group, 11/09/2019

DoP in PDF format are available in the Asteco website.