

# Declaration of Performance

## IcyFoam Select

N° CPR-DoP 0001/16

1	Name and Product Identification Code:	<b>IcyFoam Select</b> Thermal insulating products for buildings – in-situ formed sprayed rigid polyurethane (PUR) a polyisocyanurate (PIR) foam products.
2	Product Use	Sprayed insulating foam intended intended for the formation of the thermal insulating layer of walls, ceilings, roofs, suspended ceilings and floors.
3	Manufacturer Name and Address:	ICYNENE Inc 6747 Campobello Road Mississauga, Ontario CANADA L5N 2L7 Tel +1 905 363 4040 Fax +1 905 363 0102 www.icynene.com
4	European Representative Address:	ICYNENE Europe S.P.R.L. Clos Chapelle des Champs Boite 3030 1200 BRUXELLES, BELGIUM +32 (0)2 880 62 33 www.icynene.eu
5	Evaluation & verification system for construction product performance:	System 3
6	Harmonized Norm:	EN 14315-1:2013
	Notify Body	NB - 1390

Thermal resistance for all application thickness  
Table with thermal resistance

Thickness (mm)	Declared aged thermal conductivity, $\lambda_d$ (W/mK)	Thermal Resistance Rd (m <sup>2</sup> K/W)
20	0.026	0,77
25	0.026	0,96
30	0.026	1,15
35	0.026	1,35
40	0.026	1,54
45	0.026	1,73
50	0.026	1,92
55	0.026	2,12
60	0.026	2,31
65	0.026	2,50
70	0.026	2,69
75	0.026	2,88
80	0.026	3,08
85	0.026	3,27
90	0.026	3,46
95	0.026	3,65
100	0.026	3,85
105	0.026	4,04
110	0.026	4,23
115	0.026	4,42
120	0.026	4,62
125	0.026	4,81
130	0.026	5,00
135	0.026	5,19
140	0.026	5,38
145	0.026	5,58
150	0.026	5,77
155	0.026	5,96
160	0.026	6,15
165	0.026	6,35
170	0.026	6,54
175	0.026	6,73
180	0.026	6,92
185	0.026	7,12
190	0.026	7,31
195	0.026	7,50
200	0.026	7,69

7. Declared performance (from table 7 A1 of EN 14315-1:2013):

Type of Test	Declared Value	Harmonized Norm
Reaction to Fire	E	EN 14315-1:2013
Water Permeability	0,22 (kg/m <sup>2</sup> )	EN 14315-1:2013
Thermal Resistance	$\lambda_d$ 0,026 W/mK	EN 14315-1:2013
Water Vapor Transmission	$\mu$ 50	EN 14315-1:2013
Compressive Strength	CS(10/Y)200	EN 14315-1:2013
Durability Fire Characteristic	Reaction to fire does not decrease with time	EN 14315-1:2013
Durability of thermal resistance against aging/degradation	Declared thermal conductivity value after aging $\Delta D = 0,026$ W/mK	EN 14315-1:2013
Durability compressive strength against aging/degradation	Compressive strength does not decrease with time	EN 14315-1:2013
Continuous Glowing Combustion	NPD	EN 14315-1:2013
Determination of Adhesion	230 kPa	EN 14315-1:2013
Determination of Compressive Strength	197 kPa	EN 14315-1:2013
Determination of Deformation	4,7 %	EN 14315-1:2013
Dimensional stability at -20C ±2	± 0,1 %/± 0,1 %/ - 0,4 %	EN 14315-1:2013
Dimensional stability at 70C RH90	6,1 % / 5,9 % / 2 %	
Apparent Density	37 kg/m <sup>3</sup>	EN 14315-1:2013

NB 1390 verifies conformity of the declared characteristics of the evaluated product with the results of tests of the product according to ČSN EN 14315-1:2013 chapter 7.2 and ČSN EN 13172:2012 chapter 6.



Manufacturer's Signature:  
Paul Duffy  
Vice-President, ICYNENE  
Mississauga, ON  
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DoP : Declaration of Performance  
CPR : Construction Product Regulation