RAVATHERM™ XPS

DECLARATION OF PERFORMANCE

Number: 700390

1. Unique identification code of the product-type:
RAVATHERM XPS X FUSION 300 SB

30 mm ≤ d ≤ 40 mm	XPS - EN13164 - T1 - CS(10\Y)300 - CC(2/1,5/50)130 - DS(70,90) - DLT(2)5 - WD(V)3 - WL(T)0,7 - FTCD1
50 mm ≤ d < 80 mm	XPS - EN13164 - T1 - CS(10\Y)300 - CC(2/1,5/50)130 - DS(70,90) - DLT(2)5 - WD(V)2 - WL(T)0,7 - FTCD1
80 mm ≥ d <125mm	XPS - EN13164 - T1 - CS(10\Y)300 - CC(2/1,5/50)130 - DS(70,90) - DLT(2)5 - WD(V)1 - WL(T)0,7 - FTCD1
125 mm ≥ d	XPS - EN13164 - T1 - CS(10\Y)300 - CC(2/1,5/50)130 - DS(70,90) - DLT(2)5 - WD(V)1 - WL(T)0,7 - FTCD1 -TR200

2. Intended use/es:	Thermal Insulation for Buildings (ThIB)
3. Manufacturer:	**Ravago Building Solutions S.A.** 2146 Luxembourg, 76-78 Rue de Merl
4. Authorized representative:	-
5. System/s of AVCP:	System 3
6a. Harmonised standard: Notified bodies:	EN 13164:2012+A1:2015 FIW (0751) - LNE (0071) - CSTB (0679) - ÉMI (1415) -OFI (1085)

7. Declared performance/s:

Essential characteristic		Symbol	Performance
Thermal conductivity			
30 – 200mm		λ_d	0,030
Thermal resistance		R_d	*
Dimensional tolerances		T	T1
Compressive strength		CS(10\Y)	300
Tensile strength perpendicular to faces	125 mm ≥ d	TR	200
Reaction to fire		RtF	E
Continuous glowing combustion			NPD
Long term water absorption by total immersion		WL(T)	0,7
Long term water absorption by diffusion	30 – 40 mm	WD(V)	3
	50 – 79 mm		2
	80 – 200 mm		1
Water vapor diffusion resistance factor		MU	NPD
Durability of compressive strength against (compressive creep)		CC (2/1,5/50)	130
Durability of reaction to fire against heat, weathering, ageing/degradation		No change in reaction to fire properties for extruded polystyrene foam	
Durability of thermal resistance against heat, weathering, ageing/degradation			
Thermal resistance and thermal conductivity		see above R_d and λ_d	
Freeze/thaw resistance after long term water absorption by diffusion		FTCD	1
Dimensional stability under specified temperature and humidity conditions		DS	(70,90)
Deformation under specified compressive load and temperature conditions		DLT	(2) 5
Release of dangerous substances to the indoor environment			NPD

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* Thermal resistance (R_d)

Thickness	R_d (m^2K/W)	Thickness	R_d (m^2K/W)	Thickness	R_d (m^2K/W)
30	1,00	80	2,65	150	5.00
40	1,30	100	3,30	160	5,30
50	1,65	120	4,00	170	5,65
60	2,00	125	4,15	180	6,00
75	2,50	140	4,65	200	6,65

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:	Place and date of issue:	Signature
Stijn de Vry, Business Director	2146 Luxembourg, 2026.05.08	

NPD – No Performance Determined

Note : DOP in other languages can be obtained under: www.dop.ravatherm.com