

## DECLARATION OF PERFORMANCE

Number: AR050-4

1. Unique identification code of the product-type: <b>RAVATHERM SW Roof 50</b>		MW - EN 13162 – T4 – DS(70,90) – CS(10)50 – TR10 – PL(5)500 – WS – WL(P) – MU1
2. Intended use/es:	Thermal Insulation for Buildings (ThIB)	
3. Manufacturer:	<b>Ravago Building Solutions Hungary Kft.</b> 1117 Budapest, Hengermalom út 47/A Production site: 3571 Alsózsolca, Gyár utca 3.	
4. Authorized representative:	-	
5. System/s of AVCP:	<b>System 1</b> for the reaction to fire for the product <b>System 3</b> for the other characteristics	
6a. Harmonised standard: Notified body/ies: Number of certificate:	EN 13162:2012+A1:2015 ÉMI (1415) Szentendre, Dózsa György út 26. 1415—CPR—116-(C-51/2020)	

7. Declared performance/s:			
Essential characteristic	Symbol	Performance	
Thermal conductivity	$\lambda_d$	0,038 (W/mK)	
Acoustic absorption index	APi	NPD	
Impact noise transmission index (for floors)	Dynamic stiffness	SDi	NPD
	Thickness tolerance	dL	NPD
	Compressibility	CPI	NPD
	Air flow resistivity	AFi	NPD
Direct airborne sound insulation index	AFi	NPD	
Thermal resistance	$R_d$	*	
Dimensional tolerances	T	T4	
Compressive strength	CS(10)	50 kPa	
Point Load	PL(5)	500 N	
Tensile strength perpendicular to faces	TR	10 kPa	
Reaction to fire	RtF	A1	
Continuous glowing combustion		NPD	
Water permeability	Short term water absorption	WS	$\leq 1$ kg/m <sup>2</sup>
	Long term water absorption	WL(P)	$\leq 3$ kg/m <sup>2</sup>
Water vapour permeability	MU	1	
Durability of reaction to fire against heat, weathering, ageing/degradation	No change with time		
Durability of thermal resistance against heat, weathering, ageing/degradation			
Thermal resistance and thermal conductivity	see above $R_d$ and $\lambda_d$		
Dimensional stability under specified temperature or under specified temperature and humidity conditions	DS(70,90)	$\leq 1,0$ %	
	DS(70,-)	NPD	
Release of dangerous substances to the indoor environment		NPD	



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### Thermal resistance and thermal conductivity

$d_N$ (mm)	60	80	100	120	140
$R_d^*$ (m <sup>2</sup> K/W)	1,55	2,10	2,60	3,15	3,65
$\lambda_d$ (W/mK)	0,038				

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:

Gerendi Gábor  
TS&D and Marketing Manager

Place and date of issue:

Budapest, 2025.12.01.

Sign:

NPD – No Performance Determined