DECLARATION OF PERFORMANCE
NO 10353

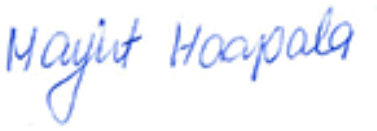
1.	Unique identification code of the product-type	**PAROC Resono tb**
2.	Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR	**See product label**
3.	Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer	**Thermal Insulation for Buildings (ThIB)**
4.	Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)	**Paroc Group, Energiakuja 3, FI-00180 Helsinki, Finland**
5.	Where applicable, name and contact address of the authorized representative whose mandate covers the tasks under specified in Article 12(2)	**Not relevant**
6.	System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V	**Systems 1 and 3**
7.	In case of the declaration of performance concerning a construction product covered by a harmonised standard	**Notified certification body No. 0809 performed, carried out the determination of the product type, the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of constancy of performance for reaction to fire. Notified testing laboratory No. 0809, performed the test reports for the other relevant declared characteristics.**

8. Declared performance

Essential characteristics	Performance			Harmonised technical specification
Thermal resistance	Thermal Resistance	R_D	See table below	EN 13162
	Thermal Conductivity	λ_D	0.034 W/mK	
	Thickness	d_N	T5	
Reaction to Fire	Reaction to Fire		A1	
Durability of reaction to fire against heat, weathering, aging/degradation	Durability Characteristics		A1	
Durability of thermal resistance against heat, weathering, agening/degradation	Thermal Resistance	R_D	See table below	
	Thermal Conductivity	λ_D	0.034 W/mK	
	Durability Characteristics	DS(70,-)	≤ 1 %	
		DS(70,90)	NPD	
Compressive strength	Compressive Stress	CS(10)	NPD	
	Compressive Strength	CS(Y)	NPD	
	Point Load	PL(5)	NPD	
Tensile/Flexural Strength	Tensile Strength Perpendicular to faces	TR	NPD	
Durability of compressive strength against aging	Compressive Creep	$CC(i_1/i_2/y)\sigma_c$	NPD	
Water Permeability	Short term water absorption	WS	≤ 1 kg/m²	
	Long term water absorption	WL(P)	≤ 3 kg/m²	
Water Vapour Transmission	Water Vapour Transmission	MU	1	
	Water vapour resistance	Z	NPD	
Impact Noise Transmission Index (for Floors)	Dynamic Stiffness	SD	NPD	
	Thickness	T	NPD	
	Compressibility	CP	NPD	
	Air Flow Resistivity	AF_r	NPD	
Acoustic absorption index	Sound Absorption	AP, AW	See table below	
Direct Airborne Sound Insulation Index	Air Flow Resistivity	AF_r	NPD	
Release of dangerous substances			NPD	
Continous glowing combustion			NPD	
NPD	No Performance Determined			

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufactured identified in point 4.

Signed for and on behalf of the manufacturer by:
Marjut Haapala, Product Certification Manager, Paroc Group Oy



Helsinki 2026-06-02

R_D, λ_D = 0,034 W/mK

d [mm]	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250
$R_D = d/\lambda_D$	0,25	0,55	0,85	1,15	1,45	1,75	2,05	2,35	2,60	2,90	3,20	3,50	3,80	4,10	4,40	4,70	5,00	5,25	5,55	5,85	6,15	6,45	6,75	7,05	7,35

Sound Absorption

	AP						
d [mm]	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	AW
30 - 49	0.10	0.35	0.85	1.00	1.00	0.95	0.65
50 - 99	0.25	0.70	1.00	1.00	1.00	1.00	1.00
100 - 149	0.80	0.85	1.00	1.00	1.00	1.00	1.00
150 - 250	0.90	0.80	1.00	1.00	1.00	1.00	1.00