

DECLARATION OF PERFORMANCE


according the 305/2011/EU 4. Article of Regulation of the European Parliament and the Council
Number DOP RBS 03/22-01

RAVATHERM™

1. Unique identification code of the product-type:	RAVATHERM SW ETIC 50 MW EN 13162:2012+A1:2015 T5-CS(10/50)-PL(5)-TR7,5-15-WL(P)3-WS1-MU1-DS(70,-)
2. Intended use of the construction product as foreseen by the manufacturer:	Thermal Insulation for Buildings (ThIB)
3. Manufacturer:	Rbs Ravago İnşaat Yalıtım Ürünleri A.Ş. Org. San. Böl. 20.cad. No:54 Kayseri
4. Authorized representative:	Not Relevant
5. AVCP system(s):	System 1 –System 3 (NB 2164)
6a. Harmonized technical specification: Name and identification number of notified body:	EN 13162:2012+A1:2015 TZUS s.p.- NB 1020 performed Factory Production Control (FPC) under system 1 and issued certificate of constancy of performance,1020-CPR-010044997 and evaluation report No:010-032204 system 3 (NB 2164)

7. Performance(s) of the declaration		
Essential characteristic	Symbol	Performance
Thermal conductivity 30-190 mm	λ_d	0,035 (W/mK)
Thermal resistance	R_d	*
Dimensional tolerances	T	T5
Compressive strength	CS(10Y)	50 (kPa)
Tensile strength perpendicular to faces	TR	7,5-15 (kPa)
Reaction to fire	RtF	A1
Continuous glowing combustion	-	
Long term water absorption	WL(P)	≤ 3,0 kg/m ²
Short term water absorption	WS	≤ 1,0 kg/m ²
Water vapour transmission	MU	MU1
Durability of compressive strength against ageing/degradation (compressive creep)	CC (2/1,5/50)	NPD
Durability of reaction to fire against heat, weathering, ageing/degradation	not change with time	
Durability of thermal resistance against heat, weathering, ageing/degradation		
Thermal resistance and thermal conductivity	-	not change with time
Durability characteristics (Dimensional stability at specified temperature)	DS(70,-) Declared;The Relative changes in thickness	≤ 1,0%
Release of dangerous substances to the indoor environment	-	
Dangerous materials	The product has no other known health or environmental effects.	
Other information	Availability of declaration of performance: ravatherm.com/	

* Thickness mm	R_d (m ² K/W)	Thickness mm	R_d (m ² K/W)	Thickness mm	R_d (m ² K/W)
30 mm	0,85	90 mm	2,55	150 mm	4,25
40 mm	1,10	100 mm	2,85	160 mm	4,55
50 mm	1,40	110 mm	3,10	170 mm	4,85
60 mm	1,70	120 mm	3,40	180 mm	5,15
70 mm	2,00	130 mm	3,70	190 mm	5,40
80 mm	2,25	140 mm	4		

The performance of the product identified in point 1. is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.		
Signed for and on behalf of the manufacturer by:	Place and date of issue:	Sign:
AYSEGUL KOPAN Quality Manager	Kayseri 20.02.2023	

NPD – No Performance Determined