

DECLARATION OF PERFORMANCE

according to 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 WM 100 MW I EN 14303:2009+A1:2013 I T1 -ST(+)+720
2. Intended use of the construction product as foreseen by the manufacturer:	Thermal Insulation for Industrial and Buildings Equipment and Industrial Insallation (ThIEBII)
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
6a. Harmonized technical specification: Name and identification number of notified body:	EN 14303:2019+A1:2013 TZUS s.p.- NB 1020 performed Factory Production Control (FPC) under system 1 and issued certificate of constancy of performance, 1020-CPR-010044998 and evaluation report No: 1020-CPR-010044998


7. Performance(s) of the declaration		
Essential characteristic	Symbol	Performance
Thermal conductivity	λ_d	*
Length	mm	$\pm 2\%$
Width	mm	$\pm 1,5\%$
Thickness	mm	40-100
Thickness tolerance	T	T1
Determination of Dimensional Stability	%	<1
Reaction to fire	RtF	A1
Long term water absorption	WL(P)	$\leq 3,0 \text{ kg/m}^2$
Short term water absorption	WS	$\leq 1,0 \text{ kg/m}^2$
Water vapour transmission	MU	MU1
Durability of reaction to fire against heat, weathering, ageing/degradation	not change with time	
Durability of thermal resistance against heat, weathering, ageing/degradation	not change with time	
Thermal resistance and thermal conductivity		not change with time
Service Temperature	Maximum Service Temperature ST(+)	720°C
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/	

* T (°C)	W/Mk	* T (°C)	W/Mk	* T (°C)	R _d (m ² K/W)
50	0,038	350	0,115		
100	0,049				
150	0,058				
200	0,068				
250	0,083				
300	0,097				

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: AYSEGUL KOPAN Quality Manager

Place and date of issue: Kayseri 20.02.2023

Sign: 

NPD – No Performance Determined



ISO 9001

ISO 14001

ISO 45001

ISO 50001

www.ravatherm.com