

# DECLARATION OF PERFORMANCE

Nr DoP-fwa-2024\_2\_EN

**r.Flow® A**



1. Unique identification code of the product type: **r.Flow® A – Mineral wool lamella mat**
2. Intended use/uses: **ThIBEII – Thermal insulation for building equipment and industrial installations**
3. Manufacturer: **ROHHE® Sp. z o.o., 05-555 Tarczyn, Al. Krakowska 19A, rohhe.pl**
4. System of Assessment and Verification of Constancy of Performance: **System 1**
5. Harmonized standard: **PN-EN 14303+A1:2013-07**  
Notified body: **Nr 1454 - Instytut Mechanizacji Budownictwa i Górnictwa Skalnego**
6. Declared performance: **Table 1 and Table 2, MW-EN 14303-T4-ST(+ )250-WS1-CL10**

**Table 1 - Harmonized technical specification acc. to PN-EN 14303+A1:2013-07**

Essential characteristic	Performance	Declared class / level	Value
Reaction to fire	Reaction to fire class	<b>A1</b>	Incombustible
Thermal resistance	Thermal conductivity	<b>See Table 2</b>	
Dimensions and tolerances	Thickness tolerance	<b>T4</b>	- 3/+ 5 mm
	Width tolerance	-	± 5 mm
	Length tolerance	-	+ surplus / - 0 mm
Service temperature	Maximum service temperature	<b>ST(+ )250</b>	250 °C
Water vapour diffusion resistance	Short-term water absorption	<b>WS1</b>	≤ 1kg/m²
Water permeability	Diffusion resistance of water vapour	<b>NPD</b>	
Compressive strength	Compressive stress or compressive strength	<b>NPD</b>	
Value of dangerous substances released	Trace amounts of soluble joints and pH-value	<b>CL10</b>	≤ 10 ppm (10 mg/1 kg)
Release of dangerous substances to environment	Release of dangerous substances	<b>NPD</b>	
Sound absorption coefficient	Sound absorption	<b>NPD</b>	
Continuous glowing combustion	Continuous glowing combustion	<b>NPD</b>	
Durability of thermal resistance against ageing/degradation	Durability of thermal resistance	<b>Not change with time</b>	
Durability of thermal resistance against high temperature	Durability of thermal resistance	<b>Not change with time</b>	
Durability of reaction to fire against ageing/degradation	Durability of reaction to fire	<b>Not change with time</b>	
Durability of reaction to fire against high temperature	Durability of reaction to fire	<b>Not change with time</b>	

**Table 2 – Declared thermal conductivity -  $\lambda_D$**

$t_{sr}$ [°C]	10	40	50	150	250
$\lambda_D$ [W/m·K]	<b>0,038</b>	<b>0,044</b>	<b>0,047</b>	<b>0,072</b>	<b>0,112</b>

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:

*M. Mazanek*

**Małgorzata Mazanek**  
Director of Quality Management

**Tarczyn, 16 September 2024**

**ROHHE® Sp. z o.o.**

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