DECLARATION OF PERFORMANCE

Nr DoP-fwg-2024_EN

r.Flow® AG

1. Unique identification code of the product type: **r.Flow® AG – Self-adhesive 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(+)50–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	**A2-s1,d0**	Incombustible
Thermal resistance	Thermal conductivity	**See Table 2**	
Dimensions and tolerances	Thickness tolerance	**T4**	- 3/+ 5 mm
	Width tolerance	-	± 5 mm
	Length tolerance	-	+ surplus / - 0 mm
Service temperature	Maximum service temperature	**ST(+)50**	50 °C
Water vapour diffusion resistance	Short-term water absorption	**WS1**	≤ 1kg/m²
Water permeability	Diffusion resistance of water vapour	**NPD**	
Compressive strength	Compressive stress or compressive strength	**NPD**	
Value of dangerous substances released	Trace amounts of soluble joins and pH-value	**CL10**	≤ 10 ppm (10 mg/1 kg)
Release of dangerous substances to environment	Release of dangerous substances	**NPD**	
Sound absorption coefficient	Sound absorption	**NPD**	
Continuous glowing combustion	Continuous glowing combustion	**NPD**	
Durability of thermal resistance against ageing/degradation	Durability of thermal resistance	**Not change with time**	
Durability of thermal resistance against high temperature	Durability of thermal resistance	**Not change with time**	
Durability of reaction to fire against ageing/degradation	Durability of reaction to fire	**Not change with time**	
Durability of reaction to fire against high temperature	Durability of reaction to fire	**Not change with time**	

Table 2 – Declared thermal conductivity - λ_D

t_{avg} [°C]	10	20	30	40	50
λ_D [W/m·K]	**0,038**	**0,040**	**0,042**	**0,044**	**0,047**

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, 08 May 2024

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