

DECLARATION OF PERFORMANCE

No DoP-fy5-05-2021 (EN)

r.Fly® 5



Unique identification code of the product type: **r.Fly® 5 – granulate for blown mineral wool insulation**

Intended use/uses: **Thermal insulation for buildings – In-situ formed loose-fill mineral wool**

Manufacturer: **ROHHE® Sp. z o.o., 05-555 Tarczyn, Al. Krakowska 19A, rohhe.pl**

System of Assessment and Verification of Constancy of Performance: **System 3**

Harmonized standard: **EN 14064-1:2018**

Notified body: **Nr 1454 - Sieć Badawcza Łukasiewicz-Institut Mechanizacji Budownictwa i Górnictwa Skalnego**

Declared performance: **Table 1, MW-EN 14064-1-S2-MU1**

Table 1 - Harmonized technical specification acc. to EN 14064-1:2018

Essential characteristic	Performance	Declared class / level	Value
Reaction to fire	Reaction to fire class	A1	Incombustible
Thermal resistance	Thermal conductivity	$\lambda_D - 0,038 \text{ W/m}\cdot\text{K}$ (for density $65\pm 5 \text{ kg/m}^3$) $\lambda_D - 0,039 \text{ W/m}\cdot\text{K}$ (for density $50\pm 5 \text{ kg/m}^3$) $\lambda_D - 0,040 \text{ W/m}\cdot\text{K}$ (for density $40\pm 5 \text{ kg/m}^3$)	
Thermal resistance	Settlement class (horizontal applications)	S2	> 1% and ≤ 5%
Water permeability	Diffusion resistance of water vapour	MU1	$\mu = 1$
Water vapour diffusion resistance	Short-term water absorption	NPD	
Release of dangerous substances to environment	Release of dangerous substances	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 reaction to fire against ageing/degradation	Durability of reaction to fire	Not change with time	

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:



Michał Kalinowski
President of the Board

Tarczyn, 27.05.2021