

DECLARATION OF PERFORMANCE

Nr DoP-pn5-2024_2 (EN)

r.Profi® N5



1. Unique identification code of the product type: **r.Profi® N – Mineral wool plate**
2. Intended use/uses: **ThIBEII – 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 3**
5. Jednostka notyfikowana: **Nr 1454 – Instytut Mechanizacji Budownictwa i Górnictwa Skalnego**
6. Harmonized standard: **PN-EN 14303+A1:2013-07**
7. Declared performance: **Tabela 1 i 2, MW-EN 14303-T4-ST(+)640-WS1-CL10-AW0,95 (for thickness above 100 mm)**
MW-EN 14303-T4-ST(+)640-WS1-CL10-AW0,85 (for thickness 50-99 mm)

Table 1 – Harmonized technical specification acc. to EN 14303:2009+A1:2013

Zasadnicza charakterystyka	Właściwość użytkowa	Declared class / level	Value
Essential characteristic	Performance	A1	Incombustible
Reaction to fire	Reaction to fire class	See Table 2	
Thermal resistance Dimensions and tolerances	Thermal conductivity	T4	-3% lub -3 mm / +5% lub +5 mm
	Thickness tolerance	-	± 5 mm
	Width tolerance	-	+ 5 mm / - 0 mm
Temperatura stosowania	Length tolerance	ST(+)640	640°C
Service temperature	Maximum service temperature	WS1	≤ 1 kg/m ²
Water vapour diffusion resistance	Short-term water absorption	NPD	
Water permeability	Diffusion resistance of water vapour	NPD	
Compressive strength	Compressive stress or compressive strength	CL10	≤ 10 ppm (10 mg/1 kg)
Value of dangerous substances released	Trace amounts of soluble joints and pH-value	NPD	
Release of dangerous substances to environment	Release of dangerous substances	AW0,95 (for thickness above 100 mm) AW0,85 (for thickness 50-99 mm)	
Sound absorption coefficient	Sound absorption	NPD	
Continuous glowing combustion	Continuous glowing combustion	Not change with time	
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	

NPD – No Performance Determined

Table 2 – Declared thermal conductivity - λ_D

t_{sr} [°C]	10	50	150	200	250	300	400	500	640
λ_D [W/m·K]	0,035	0,040	0,057	0,067	0,079	0,098	0,141	0,188	0,255

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
Quality Management Director

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