

1. Unique identification code of the product type: **r.Force® 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 + System 3**
5. Harmonized standard: **PN-EN 14303:2009+A1:2013**
Notified body: **Nr 1454 - Instytut Mechanizacji Budownictwa i Górnictwa Skalnego**
6. Declared performance: **Table 1 and Table 2, MW-EN 14303-T4-ST(+)-400-WS1-MV2-CL14**

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

Essential characteristic	Performance	Declared class / level	Value
Reaction to fire	Reaction to fire class	A1	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(+)-600	600 °C
Water vapour diffusion resistance	Short-term water absorption	WS1	≤ 1kg/m ²
Water permeability	Diffusion resistance of water vapour	MV2	
Compressive strength	Compressive stress or compressive strength	NPD	
Value of dangerous substances released	Trace amounts of soluble joints and pH-value	CL14	≤ 14 ppm (14 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	50	150	200	250	300	400
λ _D [W/m·K]	0,037	0,043	0,065	0,076	0,087	0,109	0,165

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, 03 January 2020