

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**

**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/m <sup>2</sup>
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>NPD</b>	
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 - λ<sub>D</sub>**

t <sub>avg</sub> [°C]	10	20	30	40	50	100	150	200	250
λ <sub>D</sub> [W/m·K]	<b>0,038</b>	<b>0,040</b>	<b>0,042</b>	<b>0,044</b>	<b>0,047</b>	<b>0,059</b>	<b>0,073</b>	<b>0,087</b>	<b>0,0107</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:



**Michał Kalinowski**  
President of the Board

Tarczyn, 30 January 2018



AC 065

**INSTYTUT MECHANIZACJI BUDOWNICTWA  
I GÓRNICICTWA SKALNEGO**  
JEDNOSTKA NOTYFIKOWANA UNII EUROPEJSKIEJ – NR 1454  
ul. Racjonalizacji 6/8, 02-673 Warszawa, tel. (+4822) 843 27 03  
tel. (+4822) 843 02 01, fax (+4822) 843 59 81, e-mail: imb@imbigs.pl  
**BIURO CERTYFIKACJI W KATOWICACH**



## CERTIFICATE OF CONSTANCY OF PERFORMANCE

**No. 1454 – CPR – 1052**

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product:

**Thermal insulation products for building equipment and industrial installations –  
Factory made mineral wool (MW) products**

*The list of the certified products, performance of the construction products and intended use is specified in the Annex to the Certificate*

placed on the market under the name or trade mark of:

**ROHHE Sp. z o.o**  
**Al. Krakowska 19A, 05-555 Tarczyn**

and produced in the manufacturing plant:

**ROHHE Sp. z o.o**  
**Al. Krakowska 19A, 05-555 Tarczyn**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in the Annex ZA of the standard:

**EN 14303:2009+A1:2013**

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on **30.01.2018** and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

**MANAGER**  
Bureau of Certification in Katowice

  
Marian Kaczmarek



**BRANCH  
DIRECTOR**

  
Ireneusz Baic

Katowice, 30.01.2018



AC 065

INSTYTUT MECHANIZACJI BUDOWNICTWA  
I GÓRNICICTWA SKALNEGO

Jednostka Notyfikowana Nr 1454

BIURO CERTYFIKACJI W KATOWICACH

Al. W Korfantego 193 A, 40 – 157 Katowice

☎ (32) 258 05 72 FAX (32) 258 35 53



**ZAŁĄCZNIK DO CERTYFIKATU STAŁOŚCI WŁAŚCIWOŚCI UŻYTKOWYCH**  
**ANNEX TO THE CERTIFICATE OF CONSTANCY OF PERFORMANCE**

**Nr / No. 1454 – CPR – 1052**

**wydanego w dniu / issued on 30.01.2018**

**WYKAZ CERTYFIKOWANYCH WYROBÓW / LIST OF CERTIFIED PRODUCTS**

**Wydanie Nr / Edition No. 01**

**data wydania / date of issue 30.01.2018**

Producent <i>Manufacturer</i>	<b>ROHHE Sp. z o.o</b>  <b>Al. Krakowska 19A, 05-555 Tarczyn</b>
Zakład produkcyjny <i>Factory</i>	<b>ROHHE Sp. z o.o</b>  <b>Al. Krakowska 19A, 05-555 Tarczyn</b>



KIEROWNIK  
BIURA CERTYFIKACJI W KATOWICACH

  
MARIAN KACZMAREK

Informacja dotycząca statusu ważności certyfikatu oraz aktualności załącznika / wykazu certyfikowanych wyrobów, zamieszczona jest na stronie [www.imbigs.pl](http://www.imbigs.pl).

ZALĄCZNIK DO CERTYFIKATU STAŁOŚCI WŁAŚCIWOŚCI UŻYTKOWYCH  
ANNEX TO THE CERTIFICATE OF CONSTANCY OF PERFORMANCE

Nr / No. 1454 – CPR – 1052

WYKAZ CERTYFIKOWANYCH WYROBÓW / LIST OF CERTIFIED PRODUCTS

INSTYTUT MECHANIZACJI BUDOWNICTWA  
I GÓRNICZWA SKALNEGO

Jednostka Notyfikowana Nr 1454

Biuro Certyfikacji w Katowicach



Lp.	Nazwa wyrobu / Product Name Wydano po raz pierwszy / ostatnia zmiana First issued / Last updated	Zakres stosowania Scope	Kod oznaczenia Designation code	Zakres grubości Thickness range [mm]	Współczynnik przewodzenia ciepła Thermal conductivity [W/(m·K)]	Klasa reakcji na ogień Reaction to fire
1.	r.Flow® A 30-01-2018 / -	Izolacja ciepła wyposażenia budynków i instalacji przemysłowych Thermal insulation for building equipment and industrial installations	MW – EN 14303 – T4 – ST(+ )250 – WS1	20 – 100	0,038 w temp. 10 °C 0,040 w temp. 20 °C 0,042 w temp. 30 °C 0,044 w temp. 40 °C 0,047 w temp. 50 °C 0,059 w temp. 100 °C 0,073 w temp. 150 °C 0,087 w temp. 200 °C 0,107 w temp. 250 °C	A1
2.	r.Flow® AG 30-01-2018 / -	Izolacja ciepła wyposażenia budynków i instalacji przemysłowych Thermal insulation for building equipment and industrial installations	MW – EN 14303 – T4 – ST(+ )50 – WS1	20 – 100	0,038 w temp. 10 °C 0,040 w temp. 20 °C 0,042 w temp. 30 °C 0,044 w temp. 40 °C 0,047 w temp. 50 °C	A2-s1,d0