

1. Unique identification code of the product type: **r.Flow® AG – Self-adhesive mineral wool lamella mat**
2. Intended use/uses: **ThIBELL – 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**

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/m ²
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 joints and pH-value	NPD	
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_b

t _{avg} [°C]	10	20	30	40	50
λ _b [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:



Michał Kalinowski
President of the Board

Tarczyn, 30 January 2018



AC 065

**INSTYTUT MECHANIZACJI BUDOWNICTWA
I GÓRNICICTWA SKALNEGO**
JEDNOSTKA NOTYFIKOWANA UNII EUROPEJSKIEJ – NR 1454
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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>	ROHHE Sp. z o.o Al. Krakowska 19A, 05-555 Tarczyn
Zakład produkcyjny <i>Factory</i>	ROHHE Sp. z o.o Al. Krakowska 19A, 05-555 Tarczyn



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.

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