ZAKŁAD CERTYFIKACJI

NOTIFIED BODY No. 1488
INSTYTUT TECHNIKI BUDOWLANEJ
CERTIFICATION DEPARTMENT
ul. FILTROWA 1, 00-611 WARSZAWA
ph.: +48 (22) 57 96 167, +48 (22) 57 96 168, fax: +48 (22) 57 96 295
e-mail: certyfikacja@itb.pl, www.itb.pl

PCA Polskie Centrum Akredytacji – Certyfikacja Wyrobów
AC 020

CERTIFICATE OF CONSTANCY OF PERFORMANCE

1488-CPR-0937/W

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

External, fire resisting hinged doors of ALUPROF® MB-86EI system with over panels and/or side panels

general identification, intended use and performance of the product are described in the Annex No. Z-1488-CPR-0937/W which is an integral part of this certificate

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

Przedsiębiorstwo Produkcyjno – Usługowe PLASTIMET Sp. z o.o.
ul. Suwalska 82
19-300 Ełk
Poland

and produced in the manufacturing plant:

Przedsiębiorstwo Produkcyjno – Usługowe PLASTIMET Sp. z o.o.
Niedźwiedzkie 1B
19-335 Prostki
Poland

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

EN 16034:2014

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 27.07.2021 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the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

DEPUTY HEAD
of the Certification Department

Piotr Maciejak, M.Sc. Eng.

INSTYTUT TECHNIKI BUDOWLANEJ

DIRECTOR
of Instytut Techniki Budowlanej

Robert Geryło, Ph. D.

Warsaw, 27.07.2021

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Annex No. Z-1488-CPR-0937/W, page 1/3

which is an integral part of the certificate No. 1488-CPR-0937/W

External, fire resisting hinged doors of ALUPROF® MB-86EI system with over panels and/or side panels

Essential characteristics of the product [1]	Harmonized standard EN 16034:2014	Mandates levels and/or classes
Resistance to fire	4.1	**EI_1 15 / EI_2 15 / E 15 / EI_1 20 / EI_2 20 / EW 20 / E 20 / EI_1 30 / EI_2 30 / EW 30 / E 30** *(version MB-86EI $EI_1$30)*
		EI_2 30 / EW 30 / E 30 / EI_2 20 / EW 20 / E 20 / EI_2 15 / E 15 *(version MB-86EI $EI_2$30)*
Smoke control	4.2	NPD
Ability to release	4.3	NPD
Self-closing	4.4	**C** *(25 cycles)*
Durability of ability to release	4.5.1	NPD
Durability of self closing	4.5.2	NPD

Declared intended use of the product:

Aluminum profile doors of the ALUPROF® MB-86EI system, optionally equipped with over panels and / or side panels, contained within a single perimeter frame for inclusion in a single aperture - are intended for use as external, hinged doors with declared fire resistance classes: EI_1 15 / EI_2 15 / E 15 / EI_1 20 / EI_2 20 / EW 20 / E 20 / EI_1 30 / EI_2 30 / EW 30 / E 30 (version MB-86EI $EI_1$30) or EI_2 30 / EW 30 / E 30 / EI_2 20 / EW 20 / E 20 / EI_2 15 / E 15 (version MB-86EI $EI_2$30) and the self-closing function class C (25 cycles) - in areas in the reach of persons, in residential, public and industrial buildings.

[1] **Note:** The standard EN 16034:2014 shall be applied together with the standard EN 14351-1:2006+A2:2016. Regardless of the essential characteristics listed in this certificate, the manufacturer shall declare the performance of the essential characteristics covered by the standard EN 14351-1:2006+A2:2016 that are not covered by the scope of the tasks of the notified certification body and this certificate.

DEPUTY HEAD
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Annex No. Z-1488-CPR-0937/W, page 2/3

which is an integral part of the certificate No. 1488-CPR-0937/W

External, fire resisting hinged doors of ALUPROF® MB-86EI system with over panels and/or side panels

General identification of the product [1]:

Table No. 1. Doors of the ALUPROF® MB-86EI system, version MB-86EI $EI_1$30

Construction features	Aluminium profile, single- and double-leaf doors with transparent and / or opaque infills of door leaves as well as side- and over panels; Profiles of leaves and frames - aluminium profiles of the ALUPROF® MB-86EI system with a thermal barrier. The depth of the structural profiles - 77 mm; the side chambers of structural profiles are filled with systemic insulation inserts made of gypsum plasterboard Type F.	
Transparent infills [2]	Single chamber insulating glass unit: - Polflam EI30 / frame (16 ÷ 20 mm) / ESG or VSG (5 ÷ 10 mm) Double chamber insulating glass unit: - Polflam EI30 / frame (16 ÷ 20 mm) / ESG or VSG (5 ÷ 10 mm) / frame (10 ÷ 20 mm) / ESG or VSG (5 ÷ 10 mm)	
Opaque infills [2]	Opaque panels (46,5 ÷ 58,25 mm): - steel sheet (0,75 ÷ 1 mm) / mineral wool 45 ÷ 56,25 mm with a density 150 kg/m^3 and additionally along its perimeter - Promatect H board with a cross section of 15 x 45 mm / steel sheet (0,75 ÷ 1 mm). Alternatively, it is possible to add (on one or both sides) an additional cladding made of aluminum sheet, with a thickness of 1 ÷ 3 mm or ESG glass with a thickness of 4 ÷ 10 mm.	
Fittings	Three point locks: Fuhr 833; KFV AS 2750; GU Automatic A2 Hinges: WALA WX; Dr Hahn 60 AT; FAPIM Loira +; min. 3 pcs./door leaf up to 2500 mm height; min. 4 pcs./door leaf with height of 2501 ÷ 3000 mm; Door closing devices: Assa Abloy: DC-200, DC-300, GEZE: TS 4000, TS 5000; Handles / knobs: aluminum handle with a steel spindle Eco Schulte D-116; other handles, knobs, handrails, levers, fitted with a steel spindle, surface mounted	
Dimensions [3]	External dimensions of a door leaf: (W_{min} ÷ W_{max}) x (H_{min} ÷ H_{max}), [mm]	(412 ÷ 1300) x (412 ÷ 3000)
	Maximum total width of two leaves of double-leaf door, [mm]	2582
	Maximum door height including over panel, [mm]	3500
	Permissible external dimensions of the over panels (W_{min} ÷ W_{max}) x (H_{min} ÷ H_{max}), [mm] - in relations to their max. permissible surface area, [m^2]	(250 ÷3000) x (250 ÷ 932) 1,50
	Permissible external dimensions of the side panels (W_{min} ÷ W_{max}) x (H_{min} ÷ H_{max}), [mm] - in relations to their max. permissible surface area, [m^2]	(250 ÷ 1557) x (250 ÷ 2568) 4,00
	Permissible surface of the door leaf, [m^2]	0,17 ÷ 3,90

[1] The detailed technical identification, scope and conditions of use of the doors ALUPROF® MB-86EI version MB-86EI $EI_1$30 covered by this certificate No. 1488-CPR-0937/W, are included in the classification report No. 1036.2/20/R490NZP, edition 1.

[2] The selection of above mentioned transparent and opaque infills for external doors covered by certificate No. 1488-CPR-0937/W should take into account the requirements of national regulations in individual EU member countries regarding the levels of performance related to the essential characteristics covered by EN 14351-1:2006+A2:2016 (among others, this applies to the heat transfer coefficient), which are not covered by the scope of tasks of the notified certification body and this certificate.

[3] When selecting dimensions, the requirements of national regulations in individual EU member countries should be taken into account.

DEPUTY HEAD
of the Certification Department

Piotr Maciejak, M.Sc. Eng.

INSTYTUT TECHNIKI BUDOWLANEJ

DIRECTOR
of Instytut Techniki Budowlanej

Robert Geryło, Ph. D.

Warsaw, 27.07.2021

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Annex No. Z-1488-CPR-0937/W, page 3/3

which is an integral part of the certificate No. 1488-CPR-0937/W

External, fire resisting hinged doors of ALUPROF® MB-86EI system with over panels and/or side panels

General identification of the product [1]:

Table No. 2. Doors of the ALUPROF® MB-86EI system, version MB-86EI $EI_2$30

Construction features	Aluminum, profile, single and double-leaf doors with transparent and / or opaque infills of door leaves as well as side- and over panels; Profiles of leaves and frames - aluminum profiles of the ALUPROF® MB-86EI system with a thermal barrier; the depth of the structural profiles - 77 mm; the chambers of structural profiles of the doors version MB-86EI $EI_2$30, can be filled (or not filled) with systemic insulation inserts made of gypsum plasterboard Type F - in accordance with the rules described in detail in the classification report No. 1036/20/R547NZP, edition 1.	
Transparent infills [2]	Single chamber insulating glass unit: - Polflam EI30 / frame (16 ÷ 22 mm) / ESG or VSG (5 ÷ 10 mm) Double chamber insulating glass unit: - Polflam EI30 / frame (8 ÷ 22 mm) / ESG or VSG (5 ÷ 10 mm) / frame (8 ÷ 22 mm) / ESG or VSG (5 ÷ 10 mm)	
Opaque infills [2]	Opaque panels (47 ÷ 56,25 mm): - steel sheet (0,75 ÷ 1 mm) / mineral wool (min. 45 mm) with a density 150 kg/m^3 / steel sheet (0,75 ÷ 1 mm). Alternatively, it is possible to add (on one or both sides) an additional cladding made of aluminum sheet, with a thickness of 1 ÷ 3 mm or ESG glass with a thickness of 4 ÷ 10 mm.	
Fittings	Three point locks: Fuhr: 833, 833P, 834, 835; KFV AS 2750; GU Automatic A2 Hinges (min. 3 pcs/door leaf): WALA: WX, WR; Simonswerk A28-01ER; FAPIM Loira + Door closing devices: Assa Abloy: DC-500, GEZE: TS 4000, TS 5000; Dorma TS98 XEA Handles / knobs: aluminum handle with a steel spindle Eco Schulte D-116, D-116F; Wala H2; other handles, knobs, handrails, levers, with a steel spindle, surface mounted	
Dimensions [3]	External dimensions of a single door leaf: (W_{min} ÷ W_{max}) x (H_{min} ÷ H_{max}), [mm]	(412 ÷ 1300) x (412 ÷ 2500)
	Maximum total width of two leaves of double-leaf door, [mm]	2587
	Maximum door height including over panel, [mm]	3500
	Permissible external dimensions of the over panels (W_{min} ÷ W_{max}) x (H_{min} ÷ H_{max}), [mm] - in relations to their max. permissible surface area, [m^2]	(250 ÷ 3000) x (250 ÷ 1000) 3,00
	Permissible external dimensions of the side panels (W_{min} ÷ W_{max}) x (H_{min} ÷ H_{max}), [mm] - in relations to their max. permissible surface area, [m^2]	(250 ÷ 1585) x (250 ÷ 2500) 3,96
	Permissible surface of the door leaf, [m^2]	0,17 ÷ 3,25

[1] The detailed technical identification, scope and conditions of use of the doors ALUPROF® MB-86EI version MB-86EI $EI_2$30 covered by this certificate No. 1488-CPR-0937/W, are included in the classification report No. 1036/20/R547NZP, edition 1.

[2] The selection of above mentioned transparent and opaque infills for external doors covered by certificate No. 1488-CPR-0937/W should take into account the requirements of national regulations in individual EU member countries regarding the levels of performance related to the essential characteristics covered by EN 14351-1:2006+A2:2016 (among others, this applies to the heat transfer coefficient), which are not covered by the scope of tasks of the notified certification body and this certificate.

[3] When selecting dimensions, the requirements of national regulations in individual EU member countries should be taken into account.

DEPUTY HEAD
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Warsaw, 27.07.2021

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CERTIFICATION MARK

The company:

Przedsiębiorstwo Produkcyjno – Usługowe PLASTIMET Sp. z o.o.
ul. Suwalska 82
19-300 Ełk
Poland

being the manufacturer of the product:

External, fire resisting hinged doors of ALUPROF® MB-86EI system with over panels and/or side panels

is authorized to use
the ITB certification mark „WYRÓB BUDOWLANY"
during the period of validity of the certificate no. 1488-CPR-0937/W

WYRÓB BUDOWLANY

1488-CPR-0937/W

DEPUTY HEAD
of the Certification Department

Piotr Maciejak, M.Sc. Eng.

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