



NOTIFIED BODY No. 1488
INSTYTUT TECHNIKI BUDOWLANEJ
CERTIFICATION DEPARTMENT

ul. FILTROWA 1, 00-611 WARSZAWA
tel.: + 48 (22) 57 96 167, + 48 (22) 57 96 168
e-mail: certyfikacja@itb.pl, www.itb.pl



AC 020

CERTIFICATE OF CONSTANCY OF PERFORMANCE

1488-CPR-0816/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, aluminium openable fire resisting windows of ALUPROF® MB-86EI system with over panels and/or side panels and/or bottom panels

general identification, intended use and performance of the product are described
in the Annex No. Z-1488-CPR-0816/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:

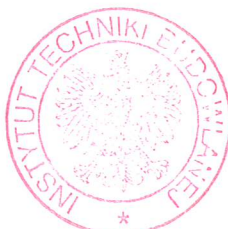
EN 16034:2014

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 29.01.2020 (updated on 27.07.2023) 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the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

HEAD
of the Certification Department

Katarzyna Hatowska, M.Sc. Eng.



DEPUTY DIRECTOR
of Instytut Techniki Budowlanej

Anna Panek, M.Sc. Eng.

Warsaw, 27.07.2023



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Annex No. Z-1488-CPR-0816/W, page 1/2
which is an integral part of the certificate No. 1488-CPR-0816/W

**External, aluminium openable fire resisting windows
of ALUPROF® MB-86EI system
with over panels and/or side panels and/or bottom panels**

Essential characteristics of the product ¹⁾	Harmonized standard	Mandates levels and/or classes
	EN 16034:2014	
Resistance to fire	4.1	EI ₂ 30 / EW 30 / EW 20/ EI ₂ 20 / EI ₂ 15
Smoke control	4.2	NPD
Ability to release	4.3	
Self - closing	4.4	
Durability of ability to release	4.5.1	
Durability of self - closing	4.5.2	

Declared intended use of the product:

Windows of ALUPROF® MB-86EI system, optionally equipped with a over panels and/or side panels and/or bottom panels – contained within a single perimeter frame for inclusion in a single aperture - are intended for use as external, openable windows with a declared fire resistance class EI₂ 30 / EW 30 / EW 20/ EI₂ 20 / EI₂ 15 - 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.

HEAD
of the Certification Department

Katarzyna Hatowska, M.Sc. Eng.



DEPUTY DIRECTOR
of Instytut Techniki Budowlanej

Anna Panek, M.Sc. Eng.

Warsaw, 27.07.2023

Annex No. Z-1488-CPR-0816/W, page 2/2

which is an integral part of the certificate No. 1488-CPR-0816/W

**External, aluminium openable fire resisting windows
of ALUPROF[®] MB-86EI system
with over panels and/or side panels and/or bottom panels**

General identification of the product ¹⁾:

Construction features	Aluminium, profile, side hung casement, bottom hung casement, tilt and turn casement, single- or double casement, single-row windows (with a movable mullion or a fixed mullion) - optionally equipped with a over panels and / or side panels and / or bottom panels - transparent and / or opaque. Construction profiles of casement and frame - three-chamber aluminium profiles of the ALUPROF [®] MB-86EI system with a thermal barrier; depth of construction profiles of frame - 77 mm; depth of construction profiles of casement - 86 mm or 77 mm; the external chambers of structural profiles are filled with insulation inserts of gypsum plasterboard type F		
Variety of infills ²⁾	<u>Infills of casement:</u> - single chamber insulating glass unit (min. 41 mm) with the following structure: Polflam EI30 (min. 20 mm) / frame (16 ÷ 20 mm) / ESG (5 ÷ 10 mm) - double chamber insulating glass unit (min. 54 mm) with the following structure: Polflam EI30 (min. 20 mm) / frame (12 ÷ 20 mm) / ESG (5 ÷ 10 mm) / frame (12 ÷ 20 mm) / ESG (5 ÷ 10 mm)		
	<u>Infills of over panels, side panels, bottom panels:</u> - the above mentioned insulating glass units or opaque infills (47 ÷ 58,75 mm) with the following structure – steel sheet (1 mm) / gypsum plasterboard type F (min. 15 mm) / Aerogel board, cat. No. 80462216 (min. 15 mm) - covered around the circumference with a CI Branddrex board (15 x 20 mm) / gypsum plasterboard type F (min. 15 mm) / steel sheet (1 mm)		
Fittings	At least two hinges in a fittings system such as: - ROTO FRANK: Roto NT Designo RC2, Roto AL Designo RC2, Roto AL RC2 or - WINKHAUS: ActivPilot Giant RC2, ActivPilot Comfort RC2 Optional closing device (chain drive) Aumüller KS4 and locking actuator FVR Aumüller Optional reed switches and / or access control kits		
External dimensions ³⁾ width x height [mm] (W _{min} ÷ W _{max}) x (H _{min} ÷ H _{max})	Single casement windows in vertical orientation (hinges on the vertical edge)	Frame	(392 ÷ 1850) x (392 ÷ 2650)
		Casement	(353 ÷ 1600) x (353 ÷ 2400)
	Single casement windows in horizontal orientation (hinges on the horizontal edge)	Frame	(392 ÷ 2650) x (392 ÷ 1550)
		Casement	(353 ÷ 2400) x (353 ÷ 1300)
	Double casement windows in vertical orientation (hinges on the vertical edge)	Frame	(706 ÷ 3060) x (784 ÷ 2355)
		Casement	(353 ÷ 1500) x (353 ÷ 2300)
Over panels			(250 ÷ 2957) x (250 ÷ 1200)
Side panels			(250 ÷ 1713) x (250 ÷ 2968)
Bottom panels			(250 ÷ 1250) x (250 ÷ 2500)
Max. permissible surface area of a single panel, [m ²]	Over panels	5,23	
	Side panels	5,08	
	Bottom panels	3,125	
Max. permissible surface area of a single casement	Single casement windows: 3,84 m ² for vertical orientation; 3,12 m ² for horizontal orientation Double casement windows: 3,45 m ² for vertical orientation <u>Note:</u> Double casement windows can be only in a vertical orientation (hinges on the vertical edge)		

¹⁾ The detailed technical identification, scope and conditions of use of the products covered by this certificate No. 1488-CPR-0816/W, are included in the classification report No.: 1036.1/18/R360NZZP, edition 2.

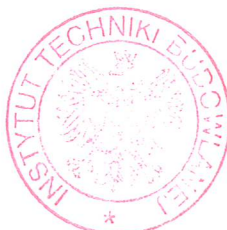
²⁾ The selection of transparent and opaque infills for products covered by this certificate No. 1488-CPR-0816/W, should take into account the requirements of national regulations in individual EU member countries regarding the levels of performance related to the essential characteristics covered by 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.

HEAD
of the Certification Department



Katarzyna Hatowska, M.Sc. Eng.



DEPUTY DIRECTOR
of Instytut Techniki Budowlanej



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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 products:

**External, aluminium openable fire resisting windows
of ALUPROF® MB-86EI system
with over panels and/or side panels and/or bottom panels**

is authorized to use
the ITB certification mark „WYRÓB BUDOWLANY”
during the period of validity of the certificate no. 1488-CPR-0816/W



1488-CPR-0816/W

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Warsaw, 27.07.2023