



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

CERTIFICATE OF CONSTANCY OF PERFORMANCE 1488-CPR-0810/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, hinged, fire resisting or fire resisting and smoke control doors of ALUPROF® MB-78EI 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-0810/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 23.01.2020 (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the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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

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Katarzyna Hatowska, M.Sc. Eng.



DEPUTY DIRECTOR of Instytut Techniki Budowlanej

Anna Panek, M.Sc. Eng.





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Annex No. Z-1488-CPR-0810/W, page 1/4 which is an integral part of the certificate No. 1488-CPR-0810/W

External, hinged, fire resisting or fire resisting and smoke control doors of ALUPROF® MB-78EI system with over panels and/or side panels

Essential characteristics of the product 1)	Harmonized standard EN 16034:2014	Mandates levels and/or classes	
		EI ₂ 30 / EW 30 / E 30	
Resistance to fire	4.1	El ₂ 60 / EW 60 / E 60	
		El ₂ 90 / EW 90 / E 90	
Smoke control	4.2	S _a , S ₂₀₀	
Ability to release	4.3	NPD	
Self-closing	4.4	С	
Durability of ability to release	4.5.1	NPD	
Durability of self closing - against degradation (cycling testing) - against ageing (corrosion)	4.5.2.1 4.5.2.2	5 (200 000 cycles) NPD	

Declared intended use of the product:

External, hinged, aluminium doors of ALUPROF® MB-78EI system, optionally equipped with over panels and / or side panels – contained within a single perimeter frame for inclusion in a single aperture – in the following versions:

- \checkmark MB-78EI El30 with the declared fire resistance class: El₂ 30 / EW 30 / E 30
- \checkmark MB-78EI El30 with the declared fire resistance and smoke-control class: El₂ 30 / EW 30 / E 30 / S_a, S₂₀₀
- √ MB-78E1 El30 with the declared fire resistance, smoke-control and self-closing class: El₂ 30 / EW 30 / E 30 / Sa, S₂₀₀ / C5
- MB-78EI El30 with the declared fire resistance and self-closing class: El₂ 30 / EW 30 / E 30 / C5
- ✓ MB-78EI El60 with the declared fire resistance class: El₂ 60 / EW 60 / E 60
- ✓ MB-78EI El60 with the declared fire resistance and smoke-control class; El₂ 60 / EW 60 / E 60 / Sa, S₂₀₀
- ✓ MB-78EI El60 with the declared fire resistance, smoke-control and self-closing class: El₂ 60 / EW 60 / E 60 / Sa, S₂00 / C5
- ✓ MB-78EI EI60 with the declared fire resistance and self-closing class: EI₂ 60 / EW 60 / E 60 / C5
- MB-78EI El90 with the declared fire resistance class: El₂ 90 / EW 90 / E 90
- ✓ MB-78EI EI90 with the declared fire resistance and smoke-control class: EI₂ 90 / EW 90 / E 90 / Sa, S₂₀₀
- ✓ MB-78EI El90 with the declared fire resistance, smoke-control and self-closing class: El₂ 90 / EW 90 / E 90 / Sa, S₂00 / C5
- ✓ MB-78EI El90 with the declared fire resistance and self-closing class: El₂ 90 / EW 90 / E 90 / C5

are intended for use in areas in the reach of persons, in residential, public and industrial buildings, in fire- and smoke compartmentation.

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.

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DEPUTY DIRECTOR of Instytut Techniki Budowlanej

Anna Panek, M.Sc. Eng.





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Annex No. Z-1488-CPR-0810/W, page 2/4 which is an integral part of the certificate No. 1488-CPR-0810/W

External, hinged, fire resisting or fire resisting and smoke control doors of ALUPROF® MB-78EI system with over panels and/or side panels

General identification of the product ¹⁾:

<u>Table No. 1.</u> Doors of the ALUPROF® MB-78EI system - version <u>MB-78EI EI30</u> - optionally equipped with over panels

	and/or side panels -	within one common structur	El system - version <u>MB-78</u> al frame	El El30 - optionally equippe	ed with over panels
De ch	clared essential aracteristics, acc. to I-EN 16034:2014-11	Resistance to fire	Resistance to fire Smoke control	Resistance to fire Smoke control Self-closing	Resistance to fire Self-closing
Classification acc. to PN-EN 13501-2:2016-07		El ₂ 30/ EW 30/ E 30	El ₂ 30/ EW 30/ E 30/ S _a , S ₂₀₀	El ₂ 30/ EW 30/ E 30/ S _a , S ₂₀₀ / C5	El ₂ 30/ EW 30/ E 30/ C5
Construction features		Aluminium, profile, single- and double-leaf, hinged doors, with transparent and/or opaque infills of door leaves as well as side and over panels; profiles of leaf and frame - aluminium profiles of the MB-78EI system with a thermal barrier; depth of structural profiles - 78 mm			
		Construction details, as described in points: 3.2, 3.7, 3.8 of classification report No. 1036.4/20/R499NZP, ed. 4	Construction details, as described in points: 4.2, 4.7, 4.8 of classification report No. 1036.4/20/R499NZP, ed. 4	Construction details, as described in points: 5.2, 5.7, 5.8 of classification report No. 1036.4/20/R499NZP, ed. 4	Construction details, as described in points: 6.2, 6.7, 6.8 of classification report No. 1036.4/20/R499NZP, ed. 4
Transparent infills 2)		Applies to: door leaves and side- and over panels. Single glass panes or single- chamber/double-chamber insulating glass units, as described in point 3.3 of classification report No. 1036.4/20/R499NZP, ed. 4	Applies to: door leaves and side- and over panels. Single glass panes or single- chamber/double-chamber insulating glass units, as described in point 4.3 of classification report No. 1036.4/20/R499NZP, ed. 4	Applies to: door leaves and side- and over panels. Single glass panes or single- chamber/double-chamber insulating glass units, as described in point 5.3 of classification report No. 1036.4/20/R499NZP, ed. 4	Applies to: door leaves and side- and over panels. Single glass panes or single- chamber/double-chamber insulating glass units, as described in point 6.3 of classification report No. 1036.4/20/R499NZP, ed. 4
Opaque infills ²⁾ and over Opaque description of classif		Applies to: door leaves and side- and over panels. Opaque infills according to the description in points: 3.4, 3.5 of classification report No. 1036.4/20/R499NZP, ed. 4	Applies to: door leaves and side- and over panels. Opaque infills according to the description in points: 4.4, 4.5 of classification report No. 1036.4/20/R499NZP, ed. 4	Applies to: door leaves and side- and over panels. Opaque infills according to the description in points: 5.4, 5.5 of classification report No. 1036.4/20/R499NZP, ed. 4	Applies to: door leaves and side- and over panels. Opaque infills according to the description in points: 6.4, 6.5 of classification report No. 1036.4/20/R499NZP, ed. 4
Fittings		Assortment of fittings, as described in point 3.6 of classification report No. 1036.4/20/R499NZP, ed. 4	Assortment of fittings, as described in point 4.6 of classification report No. 1036.4/20/R499NZP, ed. 4	Assortment of fittings, as described in point 5.6 of classification report No. 1036.4/20/R499NZP, ed. 4	Assortment of fittings, as described in point 6.6 of classification report No. 1036.4/20/R499NZP, ed. 4
Dimensions 3)	External dimensions of a door leaf $(W_{min} \div W_{max}) \times (H_{min} \div H_{max}), [mm]$	(392 ÷ 1400) x (392 ÷ 3006)	(392 ÷ 1400) x (392 ÷ 2500)	(392 ÷ 1400) x (392 ÷ 2500)	(392 ÷ 1400) x (392 ÷ 3006)
	Max. total width of two leaves of double-leaf door, [mm]	2500	2500	2500	2500
	Maximum door height including over panel, [mm]	3800	3225	3225	3800
	Max. external dim. of the over panels (W _{min} ÷ W _{max}) x (H _{min} ÷ H _{max}), [mm] - in relations to their permissible surface area [m ²]	(372 ÷ 2800) × (372 ÷ 1300) 0,14 ÷ 3,64	(372 ÷ 2384) x (372 ÷ 1300) 0,14 ÷ 3,10 or (372 ÷ 2800) x (372 ÷ 765) 0,14 ÷ 2,14	(372 ÷ 2384) x (372 ÷ 1300) 0,14 ÷ 3,10 or (372 ÷ 2800) x (372 ÷ 765) 0,14 ÷ 2,14	(372 ÷ 2800) x (372 ÷ 1300) 0,14 ÷ 3,64
	Max. external dimensions of the side panels (W _{min} ÷ W _{max}) x (H _{min} ÷ H _{max}), [mm] - in relations to their	(372 ÷ 1600) x (372 ÷ 2200) 0,14 ÷ 3,52 or (372 ÷ 1330) x (372 ÷ 2576)	(372 ÷ 1362) x (372 ÷ 2300) 0,14 ÷ 3,13 or (372 ÷ 681) x (372 ÷ 2576)	(372 ÷ 1362) x (372 ÷ 2300) 0,14 ÷ 3,13 or (372 ÷ 681) x (372 ÷ 2576)	(372 ÷ 1600) x (372 ÷ 2200) 0,14 ÷ 3,52 or (372 ÷ 1330) x (372 ÷ 2576)
	permissible surface area, [m²] Permissible leaf surface area of single- leaf door [m²]	0,14 ÷ 3,42 0,15 ÷ 4,06	0,14 ÷ 1,75	0,14 ÷ 1,75	0,14 ÷ 3,42 0,15 ÷ 4,06
	Permissible leaf surface area for double-leaf doors, [m²]	0,15 ÷ 3,50	0,15 ÷ 3,50	0,15 ÷ 3,50	0,15 ÷ 3,50

The detailed technical identification, scope and conditions of use of the doors ALUPROF® MB-78EI system - version MB-78EI EI30 covered by this certificate No. 1488-CPR-0810/W, are included in the classification report No.: 1036.4/20/R499NZP, ed. 4

HEAD of the Certification Department

K. Matassus

Katarzyna Hatowska, M.Sc. Eng.



DEPUTY DIRECTOR of Instytut Techniki Budowlanej

Anna Panek, M.Sc. Eng.

² The selection of transparent and opaque infills 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.





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Annex No. Z-1488-CPR-0810/W, page 3/4 which is an integral part of the certificate No. 1488-CPR-0810/W

External, hinged, fire resisting or fire resisting and smoke control doors of ALUPROF® MB-78EI system with over panels and/or side panels

General identification of the product 1):

Table No. 2. Doors of the ALUPROF® MB-78EI system - version MB-78EI EI60 - optionally equipped with over panels

	and/or side panels -	within one common structur	ral frame.	- optionally equippe	ed with over pariets	
De ch	clared essential aracteristics, acc. to I-EN 16034:2014-11	Resistance to fire	Resistance to fire Smoke control	Resistance to fire Smoke control Self-closing	Resistance to fire Self-closing	
Classification acc. to PN-EN 13501-2:2016-07		El ₂ 60/ EW 60/ E 30	EI ₂ 60/ EW 60/ E 60/ S _a , S ₂₀₀	El ₂ 60/ EW 60/ E 60/ S _a , S ₂₀₀ / C5	El ₂ 60/ EW 60/ E 60/ C5	
Construction features		Aluminium, profile, single- and double-leaf, hinged doors, with transparent and/or opaque infills of door leaves as well as side- and over panels; profiles of leaf and frame - aluminium profiles of the MB-78El system with a thermal barrier; depth of structural profiles - 78 mm Construction details, as described Construction details, as described in points: 3.2, 3.7, 3.8 in points: 4.2, 4.7, 4.8 in points: 5.2, 5.7, 5.8 in points: 6.2, 6.7, 6.8 of classification report of classification report No. 1036.5/20/R499NZP, ed. 4 No. 1036.5/20/				
Transparent infills 2)		Applies to: door leaves and side- and over panels. Single glass panes or single- chamber/double-chamber insulating glass units, as described in point 3.3 of classification report No. 1036.5/20/R499NZP, ed. 4	Applies to: door leaves and side- and over panels. Single glass panes or single- chamber/double-chamber insulating glass units, as described in point 4.3 of classification report No. 1036.5/20/R499NZP, ed. 4	No. 1036.5/20/R499NZP, ed. 4 Applies to: door leaves and side- and over panels. Single glass panes or single- chamber/double-chamber insulating glass units, as described in point 5.3 of classification report No. 1036.5/20/R499NZP, ed. 4	No. 1036.5/20/R499NZP, ed. 4 Applies to: door leaves and side- and over panels. Single glass panes or single- chamber/double-chamber insulating glass units, as described in point 6.3 of classification report No. 1036.5/20/R499NZP, ed. 4	
Opaque infills 2)		Applies to: door leaves and side- and over panels. Opaque infills, according to the description in points: 3.4, 3.5 of classification report No. 1036.5/20/R499NZP, ed. 4	Applies to: door leaves and side- and over panels. Opaque infills, according to the description in points: 4.4, 4.5 of classification report No. 1036.5/20/R499NZP, ed. 4	Applies to: door leaves and side- and over panels. Opaque infills, according to the description in points: 5.4, 5.5 of classification report No. 1036.5/20/R499NZP, ed. 4	Applies to: door leaves and side- and over panels. Opaque infills, according to the description in points: 6.4, 6.5 of classification report No. 1036.5/20/R499NZP, ed. 4	
Fittings		Assortment of fittings, as described in point 3.6 of classification report No. 1036.5/20/R499NZP, ed. 4	Assortment of fittings, as described in point 4.6 of classification report No. 1036.5/20/R499NZP, ed. 4	Assortment of fittings, as described in point 5.6 of classification report No. 1036.5/20/R499NZP, ed. 4	Assortment of fittings, as described in point 6.6 of classification report No. 1036.5/20/R499NZP, ed. 4	
Dimensions 3)	External dimensions of a door leaf $(W_{min} \div W_{max}) \times (H_{min} \div H_{max}), [mm]$	(392 ÷ 1500) x (392 ÷ 3006)	(392 ÷ 1400) x (392 ÷ 2500)	(392 ÷ 1400) x (392 ÷ 2500)	(392 ÷ 1500) x (392 ÷ 3006)	
	Max. total width of two leaves of double-leaf door, [mm]	2984	2500	2500	2500	
	Maximum door height including over panel, [mm]	3800	3225	3225	3800	
	Max. external dim. of the over panels (W _{min} ÷ W _{max}) (mm] - in relations to their permissible surface area [m²]	(372 ÷ 2800) x (372 ÷ 1300) 0,14 ÷ 3,64	(372 ÷ 2384) x (372 ÷ 1300) 0,14 ÷ 3,10 or (372 ÷ 2800) x (372 ÷ 765) 0,14 ÷ 2,14	(372 ÷ 2384) x (372 ÷ 1300) 0,14 ÷ 3,10 or (372 ÷ 2800) x (372 ÷ 765) 0,14 ÷ 2,14	(372 ÷ 2800) × (372 ÷ 1300) 0,14 ÷ 3,64	
	Max. external dimensions of the side panels (W _{min} ÷ W _{max}) x (H _{min} ÷ H _{max}), [mm] - in relations to their	(372 ÷ 1600) x (372 ÷ 2200) 0,14 ÷ 3,52 or (372 ÷ 1000) x (372 ÷ 2576)	(372 ÷ 1362) x (372 ÷ 2300) 0,14 ÷ 3,13 or (372 ÷ 681) x (372 ÷ 2576)	(372 ÷ 1362) x (372 ÷ 2300) 0,14 ÷ 3,13 or (372 ÷ 681) x (372 ÷ 2576)	(372 ÷ 1600) x (372 ÷ 2200) 0,14 ÷ 3,52 or (372 ÷ 1000) x (372 ÷ 2576)	
	permissible surface area, [m²] Permissible leaf surface area of single- leaf door [m²]	0,14 ÷ 2,60 0,15 ÷ 4,06	0,14 ÷ 1,75 0,15 ÷ 3,50	0,14 ÷ 1,75 0,15 ÷ 3,50	0,14 ÷ 2,60 0,15 ÷ 4,06	
	Permissible leaf surface area for double-leaf doors, [m²]	0,15 ÷ 3,75	0,15 ÷ 3,50	0,15 ÷ 3,50	0,15 ÷ 3,50	

¹⁾ The detailed technical identification, scope and conditions of use of the doors ALUPROF® MB-78EI system – version MB-78EI E160 covered by this certificate No. 1488-CPR-0810/W, are included in the classification report No.: 1036.5/20/R499NZP, ed. 4

HEAD of the Certification Department

4. Matinhue

Katarzyna Hatowska, M.Sc. Eng.



DEPUTY DIRECTOR of Instytut Techniki Budowlanej

Anna Panek, M.Sc. Eng.

²⁾ The selection of transparent and opaque infills 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.





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Annex No. Z-1488-CPR-0810/W, page 4/4 which is an integral part of the certificate No. 1488-CPR-0810/W

External, hinged, fire resisting or fire resisting and smoke control doors of ALUPROF® MB-78EI system with over panels and/or side panels

General identification of the product 1):

Table No. 3. Doors of the ALUPROF® MB-78EI system - version MB-78EI EI90 - optionally equipped with over panels and/or side panels - within one common structural frame

and/or side panels - within one common structural frame.						
aracteristics, acc. to	Resistance to fire	Resistance to fire Smoke control	Resistance to fire Smoke control Self-closing	Resistance to fire Self-closing		
	El ₂ 90/ EW 90/ E 90	El ₂ 90/ EW 90/ E 90/ S _a , S ₂₀₀	El ₂ 90/ EW 90/ E 90/ S _a , S ₂₀₀ / C5	El ₂ 90/ EW 90/ E 90/ C5		
nstruction features	profiles of leaf and frame - aluminiu depth of structural profiles - 78 mm Construction details, as described in points: 3.2, 3.7, 3.8 of classification report	m profiles of the MB-78EI system with Construction details, as described in points: 4.2, 4.7, 4.8 of classification report	a thermal barrier; Construction details, as described in points: 5.2, 5.7, 5.8 of classification report	Construction details, as described in points: 6.2, 6.7, 6.8 of classification report		
insparent infills ²⁾	No. 1036.6/20/R499NZP, ed. 3 Applies to: door leaves and side- and over panels. Single glass panes or single- chamber insulating glass units, as described in point 3.3 of classification report No. 1036.6/20/R499NZP, ed. 3	No. 1036.6/20/R499NZP, ed. 3 Applies to: door leaves and side- and over panels. Single glass panes or single- chamber insulating glass units, as described in point 4.3 of classification report No. 1036.6/20/R499NZP, ed. 3	No. 1036.6/20/R499NZP, ed. 3 Applies to: door leaves and side- and over panels. Single glass panes or single- chamber insulating glass units, as described in point 5.3 of classification report No. 1036.6/20/R499NZP, ed. 3	No. 1036.6/20/R499NZP, ed. 3 Applies to: door leaves and side- and over panels. Single glass panes or single- chamber insulating glass units, as described in point 6.3 of classification report No. 1036.6/20/R499NZP, ed. 3		
aque infills ²⁾	Applies to: door leaves and side- and over panels. Opaque infills according to the description in points: 3.4, 3.5 of classification report No. 1036.6/20/R499NZP, ed. 3	Applies to: door leaves and side- and over panels. Opaque infills according to the description in points: 4.4, 4.5 of classification report No. 1036.6/20/R499NZP, ed. 3	Applies to: door leaves and side- and over panels. Opaque infills according to the description in points: 5.4, 5.5 of classification report No. 1036.6/20/R499NZP, ed. 3	Applies to: door leaves and side- and over panels. Opaque infills according to the description in points: 6.4, 6.5 of classification report No. 1036.6/20/R499NZP, ed. 3		
ings	Assortment of fittings, as described in point 3.6 of classification report No. 1036.6/20/R499NZP, ed. 3	Assortment of fittings, as described in point 4.6 of classification report No. 1036.6/20/R499NZP, ed. 3	Assortment of fittings, as described in point 5.6 of classification report No. 1036.6/20/R499NZP, ed. 3	Assortment of fittings, as described in point 6.6 of classification report No. 1036.6/20/R499NZP, ed. 3		
External dimensions of a door leaf $(W_{min} \div W_{max}) \times (H_{min} \div H_{max}), [mm]$	(392 ÷ 1400) x (392 ÷ 2500)	(392 ÷ 1400) x (392 ÷ 2500)	(392 ÷ 1400) x (392 ÷ 2500)	(392 ÷ 1400) x (392 ÷ 2500)		
leaves of double-leaf door, [mm]	2784	2500	2500	2784		
including over panel, [mm]	3436	3225	3225	3436		
of the over panels (W _{min} ÷ W _{max}) x (H _{min} ÷ H _{max}), [mm] - in relations to their permissible surface area [m ²]	(372 ÷ 2610) x (372 ÷ 936) 0,14 ÷ 2,42 or (372 ÷ 2584) x (372 ÷ 1125) 0,14 ÷ 2,91	(372 ÷ 2384) x (372 ÷ 936) 0,14 ÷ 2,23 or (372 ÷ 2584) x (372 ÷ 765) 0,14 ÷ 1,98	(372 ÷ 2384) x (372 ÷ 936) 0,14 ÷ 2,23 or (372 ÷ 2584) x (372 ÷ 765) 0,14 ÷ 1,98	(372 ÷ 2610) x (372 ÷ 936) 0,14 ÷ 2,42 or (372 ÷ 2584) x (372 ÷ 1125) 0,14 ÷ 2,91		
Max. external dimensions of the side panels (W _{min} ÷ W _{max}) x (H _{min} ÷ H _{max}), [mm] - in relations to their permissible surface area, [m ²]	(372 ÷ 1100) x (372 ÷ 2550) 0,14 ÷ 2,80	(372 ÷ 1100) x (372 ÷ 2300) 0,14 ÷ 2,53 or (372 ÷ 681) x (372 ÷ 2550) 0,14 ÷ 1,74	(372 ÷ 1100) x (372 ÷ 2300) 0,14 ÷ 2,53 or (372 ÷ 681) x (372 ÷ 2550) 0,14 ÷ 1,74	(372 ÷ 1100) x (372 ÷ 2550) 0,14 ÷ 2,80		
Permissible leaf surface area of single- leaf door [m²]	0,15 ÷ 3,50	0,15 ÷ 3,50	0,15 ÷ 3,50	0,15 ÷ 3,50		
area for double-leaf doors, [m²]	0,15 ÷ 3,50	0,15 ÷ 3,50	0,15 ÷ 3,50	0,15 ÷ 3,50		
	clared essential aracteristics, acc. to I-EN 16034:2014-11 assification acc. to I-EN 13501-2:2016-07 Instruction features ansparent infills 2) aque infills 2) ings External dimensions of a door leaf (W _{min} ÷ W _{max}) × (H _{min} ÷ H _{max}), [mm] Max. total width of two leaves of double-leaf door, [mm] Maximum door height including over panel, [mm] Max. external dim. of the over panels (W _{min} ÷ H _{max}), [mm] - in relations to their permissible surface area [m²] Max. external dim. of the over panels (W _{min} ÷ H _{max}), [mm] - in relations to their permissible surface area for double-leaf door [m²] Permissible leaf surface area of single-leaf door [m²] Permissible leaf surface area of single-leaf doors, [m²]	clared essential aracteristics, acc. to I-EN 16034:2014-11 assification acc. to I-EN 13501-2:2016-07 Instruction features ansparent infills 2 ansparent infills 2 angue infills 2 angue infills 3 angue infills 2 angue infills 3 angue infills 4 angue infills 3 angue infills 3 angue infills 3 angue infills 4 angue infills 3 angue infills 3 angue infills 3 angue infills 4 angue infills 5 angue infills 5 angue infills 6 angue infills 7 angue infills 8 angue infills 8 angue infills 8 angue infills 8 angue infills 9 angue infills angue ingiles and over panels or single-chamber insulating glass units, as described in point 3.3 of classification report No. 1036.6/20/R499NZP, ed. 3 Applies to: door leaves and side-and over panels of classification report No. 1036.6/20/R499NZP, ed. 3 Assortment of fittings, as described in point 3.3 of classification report No. 1036.6/20/R499NZP, ed. 3 Assortment of fittings, as described in point 3.3 of classification report No. 1036.6/20/R499NZP, ed. 3 Assortment of fittings, as described in point 3.3 of classification report No. 1036.6/20/R499NZP, ed. 3 Assortment of fittings, as described in point 3.3 of classification report No. 1036.6/20/R499NZP, ed. 3 Assortment of fittings, as described in point 3.3	clared essential aracteristics, acc. to I-EN 16034:2014-11 assification acc. to I-EN 13501-2:2016-07 El ₂ 90/ EW 90/ E 90 El ₂ 90/ EW 90/ E 90/ S _a , S ₂₀₀ Aluminium, profile, single- and double-leaf, higher of the MB-78El system with depth of structural profiles - 78 mm Construction features and a profile of leaf and frame - aluminium profiles of the MB-78El system with depth of structural profiles - 78 mm Construction details, as described in points: 3.2, 3.7, 3.8 of classification report No. 1036.6/20/R499NZP, ed. 3 Applies to: door leaves and side- and over panels. Single glass panes or single- dand over panels. Single glass panes or single- dand over panels. Single glass panes or single- dand over panels. On 1036.6/20/R499NZP, ed. 3 Applies to: door leaves and side- and over panels. On 1036.6/20/R499NZP, ed. 3 Applies to: door leaves and side- and over panels. On 1036.6/20/R499NZP, ed. 3 Applies to: door leaves and side- and over panels. On 1036.6/20/R499NZP, ed. 3 Applies to: door leaves and side- and over panels. On 1036.6/20/R499NZP, ed. 3 Applies to: door leaves and side- and over panels. On 1036.6/20/R499NZP, ed. 3 Applies to: door leaves and side- and over panels. On 1036.6/20/R499NZP, ed. 3 Applies to: door leaves and side- and over panels. On 1036.6/20/R499NZP, ed. 3 Applies to: door leaves and side- and over panels. On 1036.6/20/R499NZP, ed. 3 Applies to: door leaves and side- and over panels. On 1036.6/20/R499NZP, ed. 3 Applies to: door leaves and side- and over panels. On 1036.6/20/R499NZP, ed. 3 Applies to: door leaves and side- and over panels. On 1036.6/20/R499NZP, ed. 3 Applies to: door leaves and side- and over panels. On 1036.6/20/R499NZP, ed. 3 Applies to: door leaves and side- and over panels. On 1036.6/20/R499NZP, ed. 3 Applies to: door leaves and side- and over panels. On 1036.6/20/R499NZP, ed. 3 Applies to: door leaves and side- and over panels. On 1036.6/20/R499NZP, ed. 3 Applies to: door leaves and side- and over panels. On 1036.6/20/R4	Resistance to fire		

¹⁾ The detailed technical identification, scope and conditions of use of the doors ALUPROF® MB-78EI system – version MB-78EI EI90 covered by this certificate No. 1488-CPR-0810/W, are included in the classification report No.: 1036.6/20/R499NZP, ed. 3

HEAD of the Certification Department

Katarzyna Hatowska, M.Sc. Eng.

1/2. Maton Nuo



DEPUTY DIRECTOR of Instytut Techniki Budowlanej

Anna Panek, M.Sc. Eng.

²⁾ The selection of transparent and opaque infills 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.



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

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, hinged, fire resisting or fire resisting and smoke control doors of ALUPROF® MB-78EI 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-0810/W



1488-CPR-0810/W

HEAD of the Certification Department

K. net mouse

Katarzyna Hatowska, M.Sc. Eng.



DEPUTY DIRECTOR of Instytut Techniki Budowlanej

Anna Panek, M.Sc. Eng.