



NOTIFIED BODY NO. 1488
BUILDING RESEARCH INSTITUTE
CERTIFICATION CENTRE
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CERTIFICATE OF CONSTANCY OF PERFORMANCE
1488-CPR-0681/W

Pursuant to 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

SINGLE-AXIS JOCKER ALU HINGES
of increased burglar resistance

The general product identification, scope and conditions of application have been specified in appendix no. Z-1488-CPR-0681/W constituting an integral part of this certificate.

The levels and classes of performance of the product have been specified in appendix no. Z-1488-CPR-0681/W constituting an integral part of this certificate.

marketed under the name or trademark of the manufacturer

„MEDOS” Marian Buławka, Ewa Buławka Spółka Jawna
ul. Magazynowa 3
86-200 Chełmno

and manufactured at the factory:

„MEDOS” Marian Buławka, Ewa Buławka Spółka Jawna
ul. Magazynowa 3
86-200 Chełmno

This is to certify that all the provisions concerning assessment and verification of constancy of performance set out in Annex ZA to

EN 1935:2002 + EN 1935:2002/AC:2003
(national equivalent PN-EN 1935:2003 + PN-EN 1935:2003/AC:2005)

are applied under system 1 for the performance set out in this certificate and that the manufacturer has implemented a factory production control system in order to ensure that the constancy of performance is maintained.

The certificate was first issued on 13.08.2018 and remains valid as long as the harmonized standard, the methods of assessment and verification of constancy of performance, the construction product itself and its manufacturing conditions are not modified significantly and provided that it is not suspended or cancelled by the notified body certifying the products.

DEPUTY MANAGER
Certification Centre
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mgr inż. Piotr Maciejak



DIRECTOR
Building Research Institute
/-/ illegible signature
dr inż. Robert Geryło

Warszawa, 13.08.2018



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Appendix no. Z-1488-CPR-0681/W – constituting an integral part of the certificate no. 1488-CPR-0681/W

**SINGLE-AXIS JOCKER ALU HINGES
 of increased burglar resistance**

List of the essential characteristics of the product acc. to EN 1935:2002 + EN 1935:2002/AC:2003

Essential characteristics	Harmonized standard	Mandated levels and/or classes	Assessment
	EN 1935:2002 + EN1935:2002/AC:2003		
Self-closing			
Initial friction torque	5.1	none	$\leq 4 \text{ Nm}$ Complies
Static load – deformation under load	5.2.1	none	permanent deformation – in G.1 area; no visible damages Compliant
Static load – overload	5.2.2	none	no visible damages Compliant
Shear strength	5.3	none	no visible damages; horizontal and vertical deformations $\leq 1 \text{ mm}$; functionality of operation maintained after 20 test cycles Compliant
Suitability for use in fire/smoke protection doors	5.6	none	hinges tested for fire resistance (E _l 60) with swing, single-leaf, steel, solid door of ALUFIRE EI60 type Compliant
Durability			
Durability	5.4	none	wing weight 160 kg; max. friction torque after 20 and 200 000 cycles $\leq 4 \text{ Nm}$ horizontal and vertical deformations remain within G.2 area Compliant
Corrosion resistance	5.5	none	class 3 (96 hours) – high resistance Compliant

Hinge classification, acc. to EN 1935:2002 + EN 1935:2002/AC:2003

	1	2	3	4	5	6	7	8
Hinge model	Use category	Cycles in endurance tests	Test door weight	Suitability for fire/smoke protection doors	Safety	Corrosion resistance	Security	Hinge class
SINGLE-AXIS JOCKER ALU	4	7	7	1	1	3	1	14

Declared intended application of the product:

The single-axis JOCKER ALU hinges, made as steel, single-axis, two- or three-wing, of the technical configuration specified in the technical documents of the manufacturer, are intended for application in doors constituting a fire/smoke barrier, fitted with door closing devices (to make it possible for the door to close reliably thus ensuring self-closing in case of fire). The scope of application of the said hinges is strictly limited and is concerned with door assemblies of identical construction, type and size such as ALUFIRE EI60 doors, which were the subject of fire resistance tests (E_l 60) together with the hinges concerned.

Based on the completed tests, it is found that the hinges above used together with associated permanent anti-prizing pins can be applied on doors with increased burglar resistance of RC2 class acc. to PN-EN 1627:2012.

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