

Materialprüfungsamt Nordrhein-Westfalen

Prüfen • Überwachen • Zertifizieren

Certificate of constancy of performance**0432-CPR-00099-19**

Version 05

In compliance with Regulation (EU) No 305/2011 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

ECO Door Hinges Series Ø 14, roll length 4 inch/ 4.5 inch/ 5 inch

Uniaxial door hinges

placed on the market under the name or trade mark of

ECO Schulte GmbH & Co. KGIserlohner Landstraße 89
58706 Menden, Germany

and produced in the manufacturing plant(s)

DO 25.21

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in annex ZA of the standard(s)

EN 1935:2002/AC:2003

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 18.04.2018 and will remain valid until 18.04.2028 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Dortmund, 18st April 2023



By order

RBA Th. Meinks

Deputy Head of Certification Body, Department
2230.2

This Certificate consists of 1 page and 1 annex(es).
This Certificate replaces the Certificate no. 0432-CPR-00099-19 dated
01.02.2022, Version 04.



The original of this document was issued in German language.

In case of doubt only the German version is valid.

List of Products

Type:	OBN-14-4030-C OBN-14-4030-C-round OBN-14-4030-Z OBN-14-4030-Z-round OBN-14-4035-C OBN-14-4035-C-round OBN-14-4035-Z OBN-14-4035-Z-round OBN-14-4040-C OBN-14-4040-C-round OBN-14-4040-Z OBN-14-4040-Z-round
Roll length:	101.6 mm (4 inch)
Roll diameter:	14 mm
Wing thickness:	3 mm
Material:	1.4301
Installation:	flush
Classification:	4 7 7 1 1 3 1 14
Manufacturing plant:	DO 25.21

Intended use:

Essential properties	Sections with requirements in EN 1935:2002/A1:2003	Performance of the product
Self-closing	5.1 Starting measurement of the friction torque	Passed Class 14
	5.2.1 Load deformation	Passed Class 14
	5.2.2 Overload	Passed Class 14
	5.3 Shear strength	Passed Class 14
	5.6 Door hinges for fire- and/or smoke protection doors	Passed Class 1
Durability	5.4 Durability operation test	Passed Class 14
	5.8 Door hinge groups with common design characteristics	Same pivot bearing, same roll diameter, same material thickness
	5.5 Corrosion resistance	1.4301: Passed Class 3
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.

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Type:	OBN-14-4540-C OBN-14-4540-Z OBN-14-4540-C-round OBN-14-4540-Z-round OBX-14-4526 OBN-14-4534-C-round
Roll length:	114.3 mm (4.5 inch)
Roll diameter:	14 mm
Material thickness:	Frame part 3 mm, wing part 3 mm
Material:	1.4301
Installation:	flush
Classification:	4 7 7 1 1 3 1 14
Manufacturing plant:	DO 25.21

Intended use:

Essential properties	Sections with requirements in EN 1935:2002/A1:2003	Performance of the product
Self-closing	5.1 Starting measurement of the friction torque 5.2.1 Load deformation 5.2.2 Overload 5.3 Shear strength 5.6 Door hinges for fire- and/or smoke protection doors	Passed Class 14 Passed Class 14 Passed Class 14 Passed Class 14 Passed Class 1
Durability	5.4 Durability operation test 5.8 Door hinge groups with common design characteristics 5.5 Corrosion resistance	Passed Class 14 Same pivot bearing, same roll diameter, same material thickness 1.4301: Passed Class 3
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.

ECO Door Hinges Ø14 mm

Type:	OBN-14-5030-C OBN-14-5030-Z OBN-14-5030-C-round OBN-14-5030-Z-round OBN-14-5035-C OBN-14-5035-Z OBN-14-5035-C-round OBN-14-5035-Z-round OBN-14-5036-C OBN-14-5040-C OBN-14-5040-Z OBN-14-5040-C-round OBN-14-5040-Z-round OBN-14-5050-C OBN-14-5050-Z OBN-14-5050-C-round OBN-14-5050-Z-round
Roll length:	127 mm (5 inch)
Roll diameter:	14 mm
Material thickness:	Frame part 3 mm, wing part 3 mm
Material:	1.4301
Installation:	flush
Classification:	4 7 7 1 1 3 1 14
Manufacturing plant:	DO 25.21

Intended use:

Essential properties	Sections with requirements in EN 1935:2002/A1:2003	Performance of the product
Self-closing	5.1 Starting measurement of the friction torque 5.2.1 Load deformation 5.2.2 Overload 5.3 Shear strength 5.6 Door hinges for fire- and/or smoke protection doors	Passed Class 14 Passed Class 14 Passed Class 14 Passed Class 14 Passed Class 1
Durability	5.4 Durability operation test 5.8 Door hinge groups with common design characteristics 5.5 Corrosion resistance	Passed Class 14 Same pivot bearing, same roll diameter, same material thickness 1.4301: Passed Class 3
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.