

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

**Certificate of constancy of performance
0432-CPR-00099-17**

Version 02

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 Ø 20, roll length 160 mm

Uniaxial door hinges as detailed and classified on annex 1

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 08.02.2019 and will remain valid until 08.02.2029 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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, 8th February 2024



By order

RBA Th. Meinks

Deputy Head of Certification Body Department
2230

This Certificate consists of 1 page and 1 annex. It replaces Certificate No. 0432-CPR-00099-17 dated 08.02.2019, version 02.

The original of this document was issued in German language.
In case of doubt only the German version is valid.



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ECO Door Hinges Ø20 mm, 160 mm

Type:	OBX-20-1531/160 OBX-20-1532/160 OBX-20-1951/160
Roll length:	160 mm
Roll diameter:	20 mm
Material thickness:	Frame part 3.5 mm, wing part 3.5 mm
Material:	1.4301
Installation:	rebated
Classification:	4 7 7 1 1 4 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 4
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.

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ECO Door Hinges Ø20 mm, 160 mm

Type:	OBX-20-25.01/160
Roll length:	160 mm
Roll diameter:	20 mm
Material thickness:	Frame part 3.7 mm, wing part 4 mm
Material:	1.4301
Installation:	rebated
Classification:	4 7 7 1 1 4 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 4
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.

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ECO Door Hinges Ø20 mm, 160 mm

Type:	OBN-20-03.01/160
Roll length:	160 mm
Roll diameter:	20 mm
Material thickness:	Frame part 4 mm, wing part 3 mm
Material:	1.4301
Installation:	rebated
Classification:	4 7 7 1 1 4 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 Not applicable 1.4301: Passed Class 4
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.

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ECO Door Hinges Ø20 mm, 160 mm

Type:	OBX-20-2541/160 OBX-20-2542/160 OBN-20-4141/160
Roll length:	160 mm
Roll diameter:	20 mm
Material thickness:	Frame part 3.5 mm, wing part 3.5 mm
Material:	1.4301
Installation:	flush
Classification:	4 7 7 1 1 4 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 4
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.

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ECO Door Hinges Ø20 mm, 160 mm

Type:	OBP-20-0720/160
Roll length:	160 mm
Roll diameter:	20 mm
Material thickness:	Frame part 3 mm, wing part 3 mm
Material:	1.4301
Installation:	flush
Classification:	4 7 5 1 1 4 1 12
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 12 Passed Class 12 Passed Class 12 Passed Class 12 Passed Class 1
Durability	5.4 Durability operation test 5.8 Door hinge groups with common design characteristics 5.5 Corrosion resistance	Passed Class 12 Not applicable 1.4301: Passed Class 4
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.