

Certificate of Constancy of performance

0432 – CPR – 00099-07

Version 01

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

ECO Hinges

Single axis hinges for doors for fire/smoke compartmentation and on escape routes
as detailed and classified on annex 2,

produced by or for

ECO Schulte GmbH & Co. KG
Iserlohner Landstraße 89
58706 Menden
Germany

and produced in the manufacturing plant(s)

see annex 1

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

EN 1935:2002/AC: 2003-12

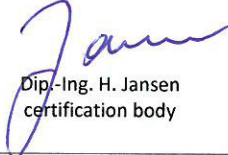
under system 1 are applied and that

**the product fulfils (products fulfil) all the prescribed
requirements set out above**

This certificate was first issued on 06.10.2015 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly, or latest on 06.10.2020.

Dortmund, 06.10.2015




Dip.-Ing. H. Jansen
certification body

This Certificate consists of 1 page and 2 annexes

This certificate replaces the certificate 0432-CPD-0045.

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





ECO Hinges

Manufacturing plants

product	manufacturer
Hinges	<p>ESB Schulte Baubeschläge GmbH Industriestraße 2 14943 Luckenwalde Germany Code: DO 2.17</p> <hr/> <p>ECO Schulte Doorsystem Zhuhai Co., Ltd. No. 31, Zhuhai Free trade Zone 519030 Zhuhai, Guangdong People's Republic of China Code: DO 25.21</p>

Manufacturing plant DO 2.17

Construction hinges 3 mm sliding rings												
No.	Item Discription	Roll length	Material	Abutment	Classification							
1	E3.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
2	E4.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
3	E6.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
4	E7.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
5	E8.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
6	E9.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
7	E11.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
8	E12.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
9	E13.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
10	E17.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
11	E18.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
12	E19.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
13	E20.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
14	E21.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
15	E22.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
16	E23.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
17	E24.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
18	E26.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
19	E27.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
20	E28.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
21	E29.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
22	E30.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
23	E31.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
24	E32.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
25	E33.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
26	E34.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
27	E35.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
28	E36.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
29	E37.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
30	E39.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
31	E41.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
32	E61.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
33	E64.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
34	E72.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

Construction hinges 4 mm sliding rings

No.	Item Description	Roll length	Material	Abutment	Classification							
					4	7	6	1	1	0	0	13
35	E25.01	160mm	galvanised steel	rebated	4	7	6	1	1	0	0	13

Construction hinges 4 mm plastic sliding rings

No.	Item Description	Roll length	Material	Abutment	Classification							
					4	7	7	1	1	0	1	14
36	E71.01	160mm	stainless steel	rebated	4	7	7	1	1	0	1	14

Construction hinges 3 mm ball bearing

No.	Item Description	Roll length	Material	Abutment	Classification							
					4	7	5	1	1	0	0	12
37	E14.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
38	E15.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
39	E16.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
40	E38.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
41	E60.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
42	E65.01	160mm	galvanised steel	rebated	4	7	7	1	1	0	1	14
43	E69.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12

Construction hinges 4 mm ball bearing

No.	Item Description	Roll length	Material	Abutment	Classification							
					4	7	6	1	1	0	0	13
44	E10.01	160mm	galvanised steel	rebated	4	7	6	1	1	0	0	13
45	E45.01	160mm	galvanised steel	rebated	4	7	6	1	1	0	0	13

Construction hinges 4 mm ball bearing, for mounting elements

No.	Item Description	Roll length	Material	Abutment	Classification							
					4	7	7	1	1	0	1	14
46	E70.01	160mm	galvanised steel stainless steel	rebated	4	7	7	1	1	0	1	14

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

Construction hinges Genius LHA sliding rings

No.	Item Description	Roll length	Material	Abutment	Classification							
					4	7	5	1	1	0	0	12
47	E42.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
48	E48.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
49	E49.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
50	E58.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
51	E59.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
52	E63.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
53	E67.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12
54	E68.01	160mm	galvanised steel	rebated	4	7	5	1	1	0	0	12

ECO object hinges series OBP-20, 160mm

No.	Item Description	Roll length	Material	Abutment	Classification							
					3	7	4	1	1	3	0	11
44	OBP 20-0720/160	160mm	stainless steel	unrebated	3	7	4	1	1	3	0	11

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

Manufacturing plant DO 25.21

ECO object hinges series OBX-20, 160mm

No.	Item Description	Roll length	Material	Abutment	Classification*							
					4	7	7	1	1	4	1	14
1	OBX 20-1531/160	160mm	stainless steel	rebated	4	7	7	1	1	4	1	14
2	OBX 20-1532/160	160mm	stainless steel	rebated with leaf gasket	4	7	7	1	1	4	1	14
3	OBX 20-2541/160	160mm	stainless steel	unrebated	4	7	7	1	1	4	1	14
4	OBX 20-2542/160	160mm	stainless steel	unrebated double seam	4	7	7	1	1	4	1	14
5	OBX 20-1951/160	160mm	stainless steel	rebated, removal	4	7	7	1	1	4	1	14

* classification by using ECO-mounting elements OBX-3D

ECO object hinges series OBX-20, 120mm

No.	Item Description	Roll length	Material	Abutment	Classification*							
					4	7	7	1	1	4	1	14
6	OBX 20-1531/120	120mm	stainless steel	rebated	4	7	7	1	1	4	1	14
7	OBX 20-1532/120	120mm	stainless steel	rebated with leaf gasket	4	7	7	1	1	4	1	14
8	OBX 20-2541/120	120mm	stainless steel	unrebated	4	7	7	1	1	4	1	14
9	OBX 20-2542/120	120mm	stainless steel	unrebated double seam	4	7	7	1	1	4	1	14
10	OBX 20-1951/120	120mm	stainless steel	rebated, removal	4	7	7	1	1	4	1	14

* classification by using ECO-mounting elements OBX-3D

ECO object hinges series OBX-18, 160mm

No.	Item Description	Roll length	Material	Abutment	Classification*							
					3	7	4	1	1	4	1	11
11	OBX 18-1531/160	160mm	stainless steel	rebated	3	7	4	1	1	4	1	11
12	OBX 18-1531/160	160mm	galvanised steel	rebated	3	7	4	1	1	4	1	11
13	OBX 18-1531/160	160mm	nickel-plated steel	rebated	3	7	4	1	1	2	1	11
14	OBX 18-1532/160	160mm	stainless steel	rebated with leaf gasket	3	7	4	1	1	4	1	11
15	OBX 18-2541/160	160mm	stainless steel	unrebated	3	7	4	1	1	4	1	11
16	OBX 18-2541/160	160mm	galvanised steel	unrebated	3	7	4	1	1	4	1	11
17	OBX 18-2541/160	160mm	nickel-plated steel	unrebated	3	7	4	1	1	2	1	11

* classification by using ECO-mounting elements OBX-3D

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

ECO object hinges series OBX-18, 160mm, welded

No.	Item Discription	Roll length	Material	Abutment	Classification*							
					4	7	7	1	1	4	1	14
18	OBX 18-1633/160	160mm	stainless steel	rebated	4	7	7	1	1	4	1	14
19	OBX 18-1633/160	160mm	galvanised steel	rebated	4	7	7	1	1	4	1	14
20	OBX 18-1633/160	160mm	nickel-plated steel	rebated	4	7	7	1	1	2	1	14
21	OBX 18-2643/160	160mm	stainless steel	unrebated	4	7	7	1	1	4	1	14
22	OBX 18-2643/160	160mm	galvanised steel	unrebated	4	7	7	1	1	4	1	14
23	OBX 18-2643/160	160mm	nickel-plated steel	unrebated	4	7	7	1	1	2	1	14

* classification by using ECO-mounting elements OBX-3D

ECO object hinges series OBX-18, 120mm

No.	Item Discription	Roll length	Material	Abutment	Classification*							
					3	7	4	1	1	4	0	11
24	OBX 18-1531/120	120mm	stainless steel	rebated	3	7	4	1	1	4	0	11
25	OBX 18-1531/120	120mm	galvanised steel	rebated	3	7	4	1	1	4	0	11
26	OBX 18-1531/120	120mm	nickel-plated steel	rebated	3	7	4	1	1	2	0	11
27	OBX 18-2541/120	120mm	stainless steel	unrebated	3	7	4	1	1	4	0	11
28	OBX 18-2541/120	120mm	galvanised steel	unrebated	3	7	4	1	1	4	0	11
29	OBX 18-2541/120	120mm	nickel-plated steel	unrebated	3	7	4	1	1	2	0	11
30	OBX 18-2229/120	120mm	stainless steel	unrebated	2	7	3	1	1	4	0	10
31	OBX 18-2229/120	120mm	galvanised steel	unrebated	2	7	3	1	1	4	0	10
32	OBX 18-2229/120	120mm	nickel-plated steel	unrebated	2	7	3	1	1	2	0	10
33	OBX 18-2128/120	120mm	stainless steel	unrebated	4	7	5	1	1	4	0	12
34	OBX 18-2128/120	120mm	galvanised steel	unrebated	3	7	4	1	1	4	0	11
35	OBX 18-2128/120	120mm	nickel-plated steel	unrebated	3	7	4	1	1	4	0	11

* classification by using ECO-mounting elements OBX-3D

ECO object hinges series OBB

No.	Item Discription	Roll length	Material	Abutment	Classification							
					4	7	7	1	1	4	1	14
36	OBB 20-2541/160	160mm	stainless steel	unrebated	4	7	7	1	1	4	1	14

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

ECO object hinges series OBN-20, 160mm

No.	Item Description	Roll length	Material	Abutment	Classification							
					3	7	4	1	1	4	1	11
37	OBN 18-4141/160	160mm	stainless steel	unrebated	3	7	4	1	1	4	1	11
38	OBN 18-4141/160	160mm	galvanised steel	unrebated	3	7	4	1	1	4	1	11
39	OBN 18-4141/160	160mm	nickel-plated steel	unrebated	3	7	4	1	1	2	1	11

ECO object hinges series OBN-20, 160mm

No.	Item Description	Roll length	Material	Abutment	Classification							
					4	7	7	1	1	4	1	14
40	OBN 20-4141/160	160mm	stainless steel	unrebated	4	7	7	1	1	4	1	14

ECO object hinges series OBN-20, 160mm

No.	Item Description	Roll length	Material	Abutment	Classification							
					3	7	4	1	1	4	0	11
41	OBN 18-4141/120	120mm	stainless steel	unrebated	3	7	4	1	1	4	0	11
42	OBN 18-4141/120	120mm	galvanised steel	unrebated	3	7	4	1	1	4	0	11
43	OBN 18-4141/120	120mm	nickel-plated steel	unrebated	3	7	4	1	1	2	0	11

ECO object hinges series OBP-20, 160mm

No.	Item Description	Roll length	Material	Abutment	Classification							
					3	7	4	1	1	3	0	11
44	OBP 20-0720/160	160mm	stainless steel	unrebated	3	7	4	1	1	3	0	11