MPA NRW.

MATERIALPRÜFUNGSAMT NORDRHEIN-WESTFALEN

EC Certificate of Conformity

0432 – CPD – 0146

In compliance with Council Directive 89/106/EEC of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to construction products (the Construction Products Directive or CPD), as later amended, it has been stated that the construction product

ECO emergency exit devices

Emergency exit devices operated by lever handle for single and double leaf doors
as detailed on appendix 2,

placed on the market by

ECO Schulte GmbH & Co. KG
Iserlohner Landstraße 117
D-58706 Menden

and produced in the factories

see appendix 1

is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan and that the notified body No. 0432 – MPA NRW – has performed the initial type-testing for the relevant characteristics of the product, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

This certificate attests that all provisions concerning the attestation of conformity and the performances described in Annex ZA of the standard

DIN EN 179: 2008-04
(EN 179: 2008 (D))

were applied and that the product fulfils all the prescribed requirements.

This certificate was first issued on 09.11.2009 and remains valid as long as the conditions laid down in the harmonised technical specification in reference or the manufacturing conditions in the factory or the FPC itself are not modified significantly.

Dortmund, 15.12.2011

Materialprüfungsamt MPA NRW 50 Nordrhein-Westfalen

Dip.-Ing. H. Jansen
Head of Certification Body

THIS CERTIFICATE INCLUDES 1 PAGE AND 3 APPENDIX

This document was originally written in German. In case of doubt the German version shall prevail.

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ECO emergency exit devices

Manufactoring plants

Product	production plant
locks	ECO Schulte GmbH & Co. KG Iserlohner Landstraße 117 D-58706 Menden DO 20.1, DO 25.21
lever handle	ECO Schulte GmbH & Co. KG Iserlohner Landstraße 117 D-58706 Menden DO 20.1, DO 2.17, DO 25.21 --- Grundmann Beschlagtechnik GmbH Wilhelm-Grundmann-Straße 24 A-3170 Hainfeld Österreich DO 20.26

special strike plates	ASSA ABLOY Sicherheitstechnik GmbH Bildstockstr. 20 D-72458 Albstadt DO 22.0 --- IST Systems GmbH Kohlmeisenweg 5 D-72458 Albstadt DO 22.1 --- DORMA GmbH & Co. KG DORMA Platz 1 D- 58256 Ennepetal DO 22.3 und DO 22.1

ECO emergency exit devices series GBS 9x

No.	Item no.	VS-Type	Function	Backset	Entraxe	Forend width	Accessories / Comment	Classification	Cmb	Bar
1	GBS 90A [b)]	B, D	I, IIId c)	55 - 65mm	72mm PZ 74mm RZ	≥ 20mm	strike plate type R and type C self-locking panic lock	3 7 6 B 1 3 5 2 A z		1-2
2	GBS 91A [b)]	B, D	I, IIId c)	55 - 65mm	72mm PZ 74mm RZ	≥ 20mm	strike plate type R and type C self-locking panic lock	3 7 6 B 1 3 5 2 A z		1-2
3	GBS 92 x [a) b)]	B, D	I, III, IV, V	55-100mm	72mm PZ 74mm RZ	≥ 20mm	diverse strike plates; diverse strike plates for electric strike	3 7 6 B 1 3 5 2 A z		1-2
4	GBS 93 x [a) b)]	A	I, III, IV, V	55-100mm	72mm PZ 74mm RZ	≥ 20mm		3 7 6 B 1 3 5 2 A z	5	1-2
5	GBS 94 x	C	-	65-100mm		≥ 20mm	floor socket, adjustable floor socket, stay bar, switching lock	3 7* 6 B 1 3 5 2 A z	4	1-2

c) – Special Functions GBS 90A and GBS 91A

02 Microswitch for monitoring dead bolt or swiching function
05 Lever Handle blocking, onesided, electroless open, B* (swing side) oder G* (oposite swing side)
06 Lever Handle blocking, onesided, electroless blocked, B* (swing side) oder G* (oposite swing side)
08 24-Volt Model

Maximum weight of door leaf: 200 kg
Maximum height of door leaf: 2100 mm
Maximum width of door leaf: 1300 mm

VS-Typ A	Lock for single and double leaf doors	**Classification z=A**
VS-Typ B	Lock for outside opening single leaf doors	**Classification z=B**
VS-Typ C	Lock for inactive leaves in a double leaf door	**Classification z=C**
VS-Typ D	Lock for inside opening single leaf doors	**Classification z=D**

*) With Type C locks – locks intended exclusively for the inactive leaf of double-leaf doors – only 20,000 test cycles were conducted as proof of Class 7 lasting function ability (2nd mark) in accordance with EN 179.

a) With lock cylinders (PZ/RZ) as standard or half cylinder locks, the escape door function of the lock is only guaranteed when the key is removed.

b) All lock cylinder designs have no influence on the perfect escape door function (as a special function if desired).

Cmb: Shows each matching latch for the other door leaf. Only with latches for double-leaf doors.

Han: Shows the handles with which the latches can be fitted.

Function I: One-piece spindle hub, constantly active escape door function.
It is always possible to use the handle on the inside to open the door. The door can only be opened from the outside using the key in the track cylinder core.

Function III: Split spindle hub, constantly active escape door function from the inside.
It is always possible to use the handle on the inside to open the door. The handle on the outside is either permanently engaged or permanently disengaged using the key. The latch can only be operated from the outside by the key. Once the handle on the inside has been used to open the door, the door can also be opened from the outside until it is relocked manually.

Function IIId: Split spindle hub, constantly active escape door function from the inside.
It is always possible to use the handle on the inside to open the door. The handle on the outside is either permanently engaged electrically or released for operation. The latch can always be operated by the key.

Function IV: Split spindle hub, constantly active escape door function from the inside.
It is always possible to use the handle on the inside to open the door. The handle on the outside is either permanently engaged or permanently disengaged using the key. The latch can only be operated from the outside by the key. Once the handle on the inside has been used to open the door, it cannot be opened by the handle on the outside either.

Function V: Split spindle hub, constantly active escape door function from the inside.
It is always possible to use the handle on the inside to open the door. In the default position, the fitting on the outside is disengaged. It can only be engaged by turning the key to a certain position. Once the key has been removed, the outside fitting is disengaged once again.

Lock fittings:

No.	Production plant	Code
1	ECO	DO 20.1.01, DO 2.17.01, DO 25.21.01
2	Grundmann	DO 20.26.01

Emergency exit devices according to DIN EN 179 for single and double leaf doors.

Name:
ECO emergency exit device

Alternative equipment

1. Special key cylinder

1.1 Electronic-cylinder without influence on the function of the lock

manufactorer	name of product
BKS GmbH	SE-Doppelknaufzylinder 5345, 5346, 5347, 5348 (*) SE-Doppelknaufzylinder Panik 5342, 5343
SECCOR high security GmbH	SECCOR ZL, SECCOR ZL-E, SECCOR ZL-P, SECCOR ZL-PE
SimonsVoss Technologies AG	Digitaler Schließzylinder 3061 (*), Digitaler Schließzylinder 3061 Typ .AP.OK, Digitaler Schließzylinder 3061 Typ .AP
DOM Sicherheitstechnik GmbH & Co. KG	DOM Protector EE, DOM Protector (*), DOM Protector Basic (*)
EVVA-Werk Gesellschaft m.b.H. & Co. KG	e-Zylinder mit AP-Funktion
Burg-Wächter KG	TSE 3005 Antipanik TSE 6020 Antipanik TSE 6021 Antipanik TSE 6022 Antipanik
CES *tronics* GmbH	Elektronischer Doppelknaufzylinder 815DK (*)
SLS Security Locking Systems	SLS-71 SLS-73 SLS-75
Winkhaus Sicherheitssysteme GmbH & Co. KG	BC 6515(*)
primion technologie AG	PKT Digitalzylinder NG (*)
Uhlmann & Zacher GmbH	CX6122 AP CX6123 AP CX5122 AP CX2122 AP CX2123 AP
Interflex Datensysteme GmbH & Co. KG	IF-151AP
NORMBAU Beschläge und Ausstattungs GmbH	ZKE-AP 2.0
SDS Security Data Systems	SDS/ESDK1-P
AUTEC Gesellschaft für Automationstechnik mbH	XMP-EL22-** XMP-EL24-** XMP-EL26-**
HEWI Heinrich Wilke GmbH	eLOCK (*), ES5000plus(*)
KABA GmbH KABA AG	*.DKZ*+*.508.100.151.* *.DKZ*+*MN.PANIK 1420 ELC (*) 1437 MID, 1537 MID

(*) Only at locks GBS 90A, GBS 91A

1.2 Electronic-cylinder with keyactuation on both sides

Production plant	Name of product
Gretsch-Unitas GmbH Baubeschläge BKS GmbH	Schließsystem ESI 58 Schließsystem Serie SE 53 janus SE Zylinder
KESO GmbH	Serie KEK *genie* BS
Winkhaus Sicherheitssysteme GmbH & Co. KG	Serie BLUECHIP
IKON GmbH Präzisionstechnik	System IKON VERSO
WILKA Schließtechnik GmbH	System *e*cy
KABA GmbH	ESDZ-Elolegic Doppelzylinder

To secure the function of the locks, the key must be drawn out.

1.3 Electronic-cylinder with onesided keyactuation

HEWI Heinrich Wilke GmbH	eLOCK ES7230, ES6230/F
KABA GmbH	PAB Compact-Zylinder

To secure the function of the locks, the key must be drawn out.

2. Special strike plates/ Door openers

Alternative to the standard strike plates the locks can be equipped with spezial strike plates of serie Pxxx*) and electric operating current door opener of series

IST: **FT 100, FT 101, FT 200, FT 201, FT 500, FT 501,R 7000, R 7001, A 7000**
effeff: **142, 143, 131, 111, 19, 116, 118, 119 und 611,**
DORMA: **Fire 447 und Smoke 117.**

By using the door opener effeff 19, 116, 118, 119, 611 and IST A 7000 a ”0“ (zero) has to be used at the 4th digit in the according classifikation key.
Example:

3	7	6	**0**	1	3	4	1	A	B