

EC-CERTIFICATE OF CONFORMITY

0432 –CPD – 0050

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction product

Hold-open device "ABLOY FD 450"

Electrically powered hold-open devices for swing doors as detailed on appendix 1,

placed on the market and produced by

**Abloy Oy
Wahlforssinkatu 20
FIN-80101 Joensuu**

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 approved body – *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 1155: 2003-04
(EN 1155:1997 + A1:2002)**

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

This certificate was first issued on 7. July 2004 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, 28. August 2009



Dipl.-Ing. H. Jansen
(deputy director of the certification body)

THIS CERTIFICATE COMPRISES ONE (1) PAGE AND TWO (2) APPENDIXES.
This document was originally written in German. In case of doubt the German version shall prevail.

MATERIALPRÜFUNGSAMT NORDRHEIN-WESTFALEN

Electrically powered hold-open devices for swing doors in accordance with DIN EN 1155

Type : ABLOY FD 450
Description : hol-open device for the slide channel of door-closer and door-coordinators
Arm : slide channel
Installation : door leaf fixing on the pull and the push side
Size : 3-5
Classification : 3 8 3/5 1 1 0
Remarks :

Type : ABLOY FD 480
Description : hol-open device for the slide channel of door-closer and door-coordinators
Arm : slide channel
Installation : fixing inside the frame
Size : 3-6
Classification : 3 8 3/6 1 1 0
Remarks :



List of alternative brand marks and hold-open device-types

| brand mark | type | type |
|-------------------|--------------|--------------|
| ABLOY | FD450 | FD480 |
| ASSA | FD4050 | FD6050 |
| TrioVing | DL450 | DL480 |
| Ruko | FD450 | FD480 |
| ASSA UK | FD450 | FD480 |
| JPM | FD4500 | FD4800 |
| UNION | FD450 | FD480 |
| MAB | AC450 | |
| FAB | FD450 | FD480 |
| IKON | T460 | |
| TESA | GD15EM | GDXEM |
| LOCKWOOD | 7726EMCSSS | |
| LITTO | DCA450 | DCA480 |
| LIPS | | EGE950 |

CE-marking only with the dates of Abloy Oy.

