



CERTIFICATE OF APPROVAL
No. CF 844

This is to certify that, in accordance with
TS00 General Requirements for Certification of Fire Protection Products
The undermentioned products of

DORMA UK LIMITED

Wilbury Way, Hitchin, Hertfordshire SG4 0AB
Tel: 01462 477600 Fax: 01462 477601

Have been assessed against the requirements of the Technical Schedule(s)
denoted below and are approved for use subject to the conditions
appended hereto:

CERTIFIED PRODUCT	TECHNICAL SCHEDULE
DORMA ED100 and ED250 Overhead Mounted Door Closing Devices	TS 34 - The Contribution Of Controlled Door Closing Devices And Accessories To Fire Resisting Doorsets

Signed and sealed for and on behalf of CERTIFIRE

Sir Ken Knight
Chairman - Management Council

Issued: 28 March 2011
Valid to: 27 March 2016

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CERTIFICATE No. CF844
DORMA UK LTD

DORMA ED100 and ED250 OVERHEAD MOUNTED DOOR CLOSING DEVICES

1. Dorma ED100 and ED250 are overhead mounted devices providing a door closing function, both units have adjustable power.
2. This certification is designed to demonstrate compliance of the product or system specifically with Approved Document B (England and Wales), Section of the Technical Standards (Scotland), Technical Booklet E (N. Ireland). If compliance is required to other regulatory or guidance documents there may be additional considerations or conflict to be taken into account.
3. This approval relates to its use with the following door assemblies:-

Latched and unlatched, intumescent sealed door assemblies consisting of timber faced and edged leaves with timber, cellulosic or mineral cores in timber frames having a fire resistance up to 120 minutes (Code ITT).

and

ED250 only, latched and unlatched, door assemblies consisting of metallic leaves and frames having a fire resistance of 30 minutes (Codes MM and IMM).
4. The units are approved on the basis of:
 - i) Initial type testing to the requirements of EN 1154 and EN1634-1
 - ii) An appraisal against TS34
 - iii) Certification of quality management systems to ISO 9001: 2008
 - iv) Inspection and surveillance of factory production control
 - v) Ongoing audit testing in accordance with the requirements of EN 1154
5. This approval is applicable only to the specified products used with door assemblies of proven fire resistance (as defined in BS EN 1634-1 or BS 476: Part 22: 1987) and having power ratings appropriate to the leaf sizes subject to a minimum size 3 (as specified in EN 1154).
6. The approval relates to on going production. The product and/or its immediate packaging is identified with the manufacturer's name, the product name or number, the CERTIFIRE name or name and mark, together with the CERTIFIRE certificate number and application where appropriate.

A handwritten signature in black ink, appearing to be "K. J. ...".



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7. The following table show acceptable doorsets types and fire resistance periods:

Class	Approved Door Type						
	IMM	MM	TT	ITT	ITM	ITC	TM
FD20	✓*	✓*	✗	✓	✗	✗	✗
FD30	✓*	✓*	✗	✓	✗	✗	✗
FD60	✗	✗	✗	✓	✗	✗	✗
FD120	✗	✗	✗	✓	✗	✗	✗
FD240	✗	✗	✗	✗	✗	✗	✗
E 20	✗	✗	✗	✓	✗	✗	✗
EI 20	✗	✗	✗	✓	✗	✗	✗
E 30	✗	✗	✗	✓	✗	✗	✗
EI 30	✗	✗	✗	✓	✗	✗	✗
E 60	✗	✗	✗	✓	✗	✗	✗
EI 60	✗	✗	✗	✓	✗	✗	✗
E 90	✗	✗	✗	✓	✗	✗	✗
EI 90	✗	✗	✗	✓	✗	✗	✗
E 120	✗	✗	✗	✓	✗	✗	✗
EI 120	✗	✗	✗	✓	✗	✗	✗
E 240	✗	✗	✗	✗	✗	✗	✗
EI 240	✗	✗	✗	✗	✗	✗	✗

*Only the ED250 mounted in Figure 61 is approved for use with MM and IMM doorsets.

See CERTIFIRE Technical Schedules for designation of doorset types i.e. IMM etc.

Scope of Approval:

Doors may not include uninsulated glass above 20% of their total area.
The products may not be fitted to timber doorsets without leaf/frame edge intumescent protection.



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DORMA ED100 and ED250 OVERHEAD MOUNTED DOOR CLOSING DEVICES

Classification codes

The above approval provides the following classifications:

Dorma ED100 in Figure 61 or frame mounted body with slide channel applications only.

3	8	4 3	1	1	0
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Dorma ED250 in Figure 61 or frame mounted body with slide channel applications only.

3	8	6 4	1	1	0
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Further Information

Further information regarding the details contained in this data sheet may be obtained from Dorma UK Limited (Tel: 01462 477600).

Further information regarding CERTIFIRE certification and other approved products can be obtained from CERTIFIRE (Tel: 01925 646777).