

CERTIFICATE OF FIRE APPROVAL

This is to certify that

The product detailed below will be accepted for compliance with the applicable Lloyd's Register Rules and Regulations and with the International Convention for the Safety of Life at Sea, (SOLAS), 1974, as amended, for use on ships and offshore installations classed with Lloyd's Register, and for use on ships and offshore installations when authorised by contracting governments to issue the relevant certificates, licences, permits etc.

Manufacturer	Alvedoor AB
Address	Blådingevägen 32 S-342 32 Alvesta Sweden
Type	B-15 DOOR SINGLE LEAF HINGED
Description	Fire Resisting Door - Type: "B-15 M"
Specified Standard	IMO Fire Test Procedures Code, Annex 1, Part 3

The attached Design Appraisal Document forms part of this certificate.

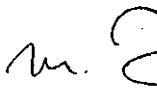
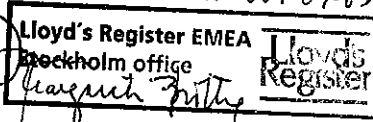
This certificate remains valid unless cancelled or revoked, provided the conditions in the attached Design Appraisal Document are complied with and the equipment remains satisfactory in service.

Date of issue 28 August 2007

Expiry date 27 August 2012

Certificate No. SAS F070269

Signed

Andorsed 2007-09-03



Sheet No 1 of 2

Name

M. Farrier
Surveyor to Lloyd's Register EMEA
A Member of the Lloyd's Register Group

Note:

This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify Lloyd's Register of any modification or changes to the equipment in order to obtain a valid Certificate.

"Lloyd's Register, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register Group'. The Lloyd's Register Group assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register Group entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract."

DESIGN APPRAISAL DOCUMENT

Date 28 August 2007	Quote this reference on all future communications LDSS/PAS/FITA/MF
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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS F070269

This Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

Danish Institute of Fire Technology (DIFT), Copenhagen, Denmark, Test Report No. PG 10690, dated 11 May 2000 and Alvedoor AB Drawing Nos. D 300925 E, dated 9 April 1998, D 300925 F, dated 28 February 2000, D100 345, dated 9 August 1999, B 100634 A, dated 28 February 1996, C 301293, dated 28 February 2000 and C 301 078 A, dated 28 February 2000.

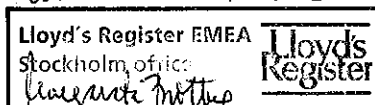
CONDITIONS OF CERTIFICATION

1. When fitted in a B-15 composite panel bulkhead.
2. Maximum door leaf size: 936mm x 2096mm high x 40mm thick.
3. May include vent grill and kick-out panel, 400mm high x 500mm wide. Ventilation grill net opening area not to exceed 0.05m².
4. May also include vision panel (21mm thick) Pyrostop 60-10 G II, maximum clear opening size 390mm x 390mm.
5. Production items are to be manufactured in accordance with a quality control system which shall be maintained to ensure that items are of the same standard as the approved prototype.

PLACE OF PRODUCTION

Alvedoor AB
Blädingevägen 32
S - 342 32 Alvesta
Sweden

Approved 2007-09-03



M. Farrier

Martin Farrier
Lead Specialist
Product Approval Services
London Design Support Services
Lloyd's Register EMEA

Supplementary Type Approval Terms and Conditions

This certificate and Design Appraisal Document relates to type approval, it certifies that the prototype(s) of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein, it does not mean or imply approval for any other use, nor approval of any products designed or manufactured otherwise than in strict conformity with the said prototype(s).