

## CERTIFICATE OF FIRE APPROVAL

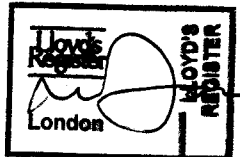
This is to certify that

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.

<b>Manufacturer</b>	Alvedoor AB
<b>Address</b>	Blådingevägen 32 S - 342 32 Alvesta Sweden
<b>Type</b>	<b>A-60 DOOR SINGLE LEAF HINGED</b>
<b>Description</b>	Fire Resisting Door - Type - "A-60 with Glazing Panel and Hose Port"
<b>Specified Standard</b>	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	13 December 2001	Issued by	Lloyd's Register of Shipping, London
Expiry date	12 December 2006		
Certificate No.	SAS F010510	Signed	
Sheet No	1 of 2	Name	M. Farrier Marine Support Group London

**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.

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Issue number	1

**DESIGN APPRAISAL DOCUMENT**

Date 13 December 2001	Quote this reference on all future communications MSG/DCG/STAT/FITA/AGF/I-3498/O-8643
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**ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS F010510**

This Design Appraisal Document forms part of the Certificate.

**APPROVAL DOCUMENTATION**

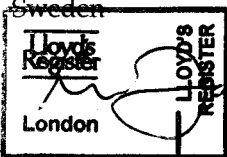
Danish Institute of Fire and Technology (DIFT), Fire Test Report No. PG10818, dated 25 June 2001.

**CONDITIONS OF CERTIFICATION**

1. Maximum door leaf size: 1034mm wide x 2112mm high x 53.5mm thick.
2. Maximum vision panel glass clear opening size: 390mm x 390mm.
3. When manufactured in accordance with Drawing Nos. D.201352A, C 201350C, C 201341B and C 201379.
4. When using glazing in panel 41mm thick "Contraflam" marked EMMA BODA GLAS, 60-41, SGG CONTRAFLAM.
5. Using welded frame.

**PLACE OF PRODUCTION**

Alvedoor AB  
Blådingevägen 32  
S - 342 32 Alvesta  
Sweden



Martin Farrier  
Senior Surveyor  
Dry Cargo Ship Section  
Statutory  
Marine support Group

**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).*