

# Approval Certificate

This is to certify, that the product identified below has been tested in accordance with the relevant procedures as contained in the Fire Test Procedure Code (IMO-Res. MSC.61(67)) and was found in compliance with the applicable performance criteria contained in the specified standard.

Certificate No.           **40 697 - 01 HH**

Company                   **Alvedoor AB  
Blådingevägen 32  
342 32 Alvesta, SWEDEN**

Product Description      **Single leaf hinged class A-60 door  
[max. clear opening: 990 x 2097 mm (width x height)]**

Product Type             **Class A-60 door**

Approval Standard        **- IMO Res.MSC.61(67), Annex 1, Part 3**

Documents                **Test report no. PG10818 dated 2001-06-25 issued by Danish Institute of Fire and  
Security Technology, Hvidovre, Denmark and assessment no.: C121928 of  
12.11.2001 issued by Warrington Fire Research Centre Ltd.**

Application               **The above product may be applied on ships classed with Germanischer Lloyd and  
on ships for which the Society is responsible for the issue of the relevant certificate  
required by the "International Convention for the Safety of Life at Sea, 1974"  
including amendments as authorized by contracting governments.**

Remarks                 **None**

Valid until                **2013-04-16**

**The company must inform Germanischer Lloyd of any modification or changes  
to approved product in order to obtain a valid certificate.**

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Hamburg, 2008-04-17

**Germanischer Lloyd**

  
Dr. Dieter Krüger

  
Hiltraud Möhlmann

The latest edition of the General Terms and Conditions of Germanischer Lloyd is applicable.  
German law applies.

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## principle components:

door leaf (thickness: 53.5 mm) according to the drwg.no. D201352A; the door may be provided with a rubberseal acc. to drwg. nos.: B100720, B200863 A, B200864 C.

## Insulation:

- Paroc Slab 337-00 (density: 150 kg/m<sup>3</sup>),
- Glasroc Multiboard S GRG (density: 1000 kg/m<sup>3</sup>).

## Incorporations:

- hose port according to the drwg. no. C201341B,
- class A-60 window (clear opening: 390 x 390 mm) according to the drwg. no. C201350C with glass type "Contraflam 41" or alternative with "Contraflam 60-N2".

## Marking:

Each door shall be provided with a permanent marking "Class A-60 door, GL 40697-01 HH".

## Installation:

Installation on board by welding or bolting according to makers instructions.

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**Hamburg, 2008-04-17**