



# DET NORSKE VERITAS

## EC TYPE-EXAMINATION CERTIFICATE

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2009/26/EC, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by Det Norske Veritas under the authority of the Government of the Kingdom of Norway.

CERTIFICATE NO. **MED-B-5968**

This is to certify that the  
**"B" Class divisions, fire integrity**

with type designation(s)  
**Class B Bulkhead - JD025**

Manufacturer  
**Contech as**  
**ARENDAL, Norway**

is found to comply with the requirements in the following Regulations/Standards:  
Annex A.1, item No. A.1/3.11b and Annex B, Module B in the Directive. SOLAS 74 as amended, Regulation II-2.3.4.4. and IMO FTP Code.

Further details of the equipment and conditions for certification are given overleaf.

Høvik, 2010-04-20  
for Det Norske Veritas AS



This Certificate is valid until  
**2015-04-20**

**Eivind Mykland**  
Head of Department

Notified Body No.: **0575**

DNV local office:  
**Kristiansand S**

**Amir Dzaferi**  
Surveyor



The Certificate is subject to terms and conditions overleaf. Any significant changes in design or construction of the product, or amendments to the Directive or Standards referenced above may render this Certificate invalid. The product liability rests with the manufacturer or his representative in accordance with Council Directive 96/98/EC, as amended. The Mark of Conformity may only be affixed to the product and a Declaration of Conformity may only be issued when the production/product assessment module referred to in the council directive, is fully complied with.



Certificate No.: MED-B-5968  
Item No.: A1/3.11b  
Job Id.: 344.1-002412-1

### Product description

"Class B Bulkhead - JD025"

bulkhead consisting of two separate rows of panels (25 mm thick and 600 mm wide) mounted with an air gap of 2 mm to 75 mm between them. The panels are mounted in separate U-shaped rails (U 25 x 30 x 25 mm) along the top, bottom and one vertical edge. Along the other vertical edge special profiles of 0.56 and 0.9 mm galv. steel is used.

The panels consist of 25 mm mineral wool Paroc Fire Board 1364-00 from Rockwool AB of density 250 kg/m<sup>3</sup>, with 0.56 galv. steel sheet glued to the side mounted away from the air gap. The joints are shaped from the steel sheet and a 67 mm wide strip of steel sheet glued to the mineral wool on the opposite side and a U-shaped profile 22.5 x 25 x 32.5 x 0.56 mm attached to the steel sheet.

For further details see the test reports mentioned under Type Examination documentation below.

### Application/Limitation

Approved as a fire retarding division of class B-15/B-30. If mounted in conjunction with an A-0 steel bulkhead the construction is to be regarded as A-15 or A-30 respectively.

May be regarded as non-load-bearing fire resisting bulkhead 30.

Max. panel width: 600 mm.

Total thickness of B-15 bulkheads is 52 mm to 69 mm.

Total thickness of B-30 bulkheads is 70 mm to 125 mm.

The insulation material, adhesive and surface materials used have to be approved according to the Marine Equipment Directive and bear the Mark of Conformity.

Each product is to be supplied with its manual for installation, use and maintenance.

### Type Examination documentation

Test Report: File No. 10703 Serial No. 7506 dated 4 March 2000 from Danish Institute of Fire Technology (DIFT), Copenhagen, Denmark.

Assessments No. PG10703c dated 6 February 2002 and No. G10703b dated 29 November 2000, both from DIFT, Copenhagen.

Tested according to IMO FTPC Part 3 (IMO Res. A. 754(18)).

### Marking of product

The product is to be marked with name of manufacturer, type designation, fire technical rating, MED Mark of Conformity and USCG approval number if applicable (see below).

### Mark of Conformity

The manufacturer is allowed to affix the Mark of Conformity according to Article 11 in the Council Directive 96/98/EC on Marine Equipment and shall issue a Declaration of Conformity, only when the module D or E or F of Annex B in the same directive is fully complied with.

- Module D: The quality system for production and testing shall be approved by the Notified Body.  
Module E: The quality system for inspection and testing shall be approved by the Notified Body.  
Module F: Compliance of the products to type as described in this EC Type-Examination Certificate must be verified by the Notified Body who also shall issue a Certificate of Conformity.

### USCG Approval

An U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F), as allowed by the "Agreement between the United States of America and the EEA EFTA states on the mutual recognition of certificates of conformity for marine equipment" signed 17 October 2005.

