



European notified body
Identification number 0736

EC-Type Examination (Module B) Certificate

Certificate No. **111.078**

U.S. Coast Guard Approval No. **164.136/EC0736/111.078**

Name and address of the manufacturer: **Lethe GmbH
Seehafenstraße 17
21079 Hamburg (Germany)**

Date of issue: **24.07.2012**

Annex A.1 Item No & Item designation: **A.1/3.16 – Fire Doors**

Product designation: **Single Leaf Inspection Door Type B-15**

Product Type: **Single leaf Inspection Door LM25-ID4-B15**

Intended purpose: **"B" class division according to SOLAS 74/88 Reg. II-2/9, as amended.**

Testing based on (Specific standard): **IMO Resolution MSC.61(67)-(FTP-Code), Annex 1, Part 3 and Annex 2
IMO MSC/Circ. 1120
IMO MSC.1/Circ. 1273*
*) = not applicable**

Remarks: **see page 2 and 3**

The type tested was found to be in compliance with the Fire Protection requirements of Marine Equipment Directive (MED) 96/98/EC as amended by Directive 2010/68/EU subject to any conditions in the schedule (part of this certificate).

This certificate may only be used in connection with module(s) **D, E or F** of this directive.

Expiry date: **31.07.2017**



Signature (Bork)

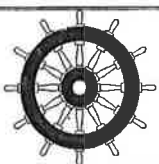


Installed equipment stays approved beyond the validity date until it is revoked!

Note 1: This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with the notified body named on this certificate.

Note 2: Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply.

Note 3: The Mark of Conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-control phase module (D, E or F) of ANNEX B of the Directive is fully complied with and controlled by a written inspection agreement with a notified body.



xxxx/yy

Note 4: "Wheelmark" Format

YY Last two digits of year mark affixed.

XXXX Notified Body number undertaking surveillance module

Technical data / approved drawings and additional conditions and remarks:

1.
This EC-Type Examination Certificate is based on the following documents:
 - Test Report No. 20624133 GS-BS-Tab of the "DMT GmbH & Co. KG", 22767 Hamburg (DE), dated 11.11.2011.
 - Technical Assessment No. 2011-B-2554.1 of the "MPA Dresden GmbH", 09599 Freiberg (DE), dated 02.12.2011.
 - Technical Assessment No. 20630340 of the "DMT GmbH & Co. KG" (Mr. Tabbert) dated 31.05.2012.
2.
This EC-Type Examination Certificate provides that the assembly of the single leaf inspection door type B-15 coincides in all items with the construction as described in the number 5.2 and the enclosures no. 2.1 and 2.2 to the Technical Assessment No. 20630340.
3.
All measurements of the inspection door type B-15 must be in accordance with the drawing nos. LM25-ID4-B15-1 and LM25-ID4-B15-2 (enclosures no. 2.1 and 2.2. to the Technical Assessment No. 20630340).

They can only be changed in compliance with the Prüf- und Zertifizierungsstelle of Ship Safety Division.
4.
The dimensions of the door are 742 mm x 1898 mm (width x height).
5.
The thickness of the door is 30 mm.
6.
Following insulation material has to be used:
 - SeaRox SL 440 (former Rockwool Marine Slab 150), 150 kg/m³
EC Type-Examination Certificate No. MED-B-7387, issued by Det Norske Veritas.
7.
Non combustible insulation material as per Technical Assessment No. 20630340 may be replaced by a different one, provided that its composition and physical properties (e.g. heat conductivity, density and thickness of the material) correspond with the tested material and an approval as per directive 96/98, as amended has been obtained.
This has to be proved to Ship Safety Division beforehand in written form.
8.
As adhesive has to be used:
 - Promat-Kleber K84
EC-Type Examination Certificate No. 118.196 issued by See-Berufsgenossenschaft.
9.
Surface materials which will be used must be not readily ignitable and approved by a European notified body.

10.

Hinges, locks, latches, shoot bolts, handles etc. should comply with the IMO Res. A.754(18), paragraph 2.6.2.1.

11.

The equipment shall be marked in accordance with article 11 of the Council Directive 96/98 EC of 20 December 1996 on Marine Equipment as amended

12.

This EC-Type Examination Certificate may only be published or transmitted unabridged.

Note:

This product has been assigned a U.S. Coast Guard approval no. (USCG number) to note type approval to Module B only as it pertains to obtaining U.S. Coast Guard approval as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment" signed February 27th, 2004.

The U.S. Coast Guard approval number is:

164.136/EC0736/111.078

The equipment manufacturer has to be mark the equipment with this U.S. Coast Guard approval number.