



RINA

**EC TYPE EXAMINATION (MODULE B)**

**CERTIFICATE Nr. MED017512CS**

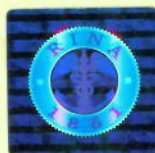
*This is to certify, that RINA, specified as Notified Body N° 0474 by the Italian "Ministero delle Infrastrutture e dei Trasporti Direzione Generale per la navigazione ed il Trasporto Marittimo ed Interno" on 25 November 1998, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the Fire Protection requirements of Marine Equipment Directive (MED) 96/98/EC as modified by Directive 2010/68/EU*

<i>MED Item N°</i>	<b>A.1/3.11a</b>
<i>USCG Category N°</i>	<b>164.107</b>
<i>Description</i>	<b>"A" and "B" Class divisions, fire integrity - "A" Class divisions</b>
<i>Type</i>	<b>A60 "Light Weight panel" bulkhead</b>
<i>Applicant</i>	<b>STENCA TRADING A/S</b> SVENDBORGVEJ 15 9220 AALBORG EAST DENMARK
<i>Testing standards</i>	<b>IMO Res. MSC.61(67)-(FTP Code) Annex 1 Part 3 and Annex 2, IMO MSC/Circ.1120</b>
<i>Reference standards</i>	<b>Chap. II-2 of SOLAS 74 Convention, as amended, RINA Rules for the certification of Marine Equipment</b>

*Issued at Genoa on*  
January 24, 2012

*This Certificate is valid until*  
January 23, 2017

*This Certificate consists of this sheet plus an attachment*



**Dino Ettore Cervetto**  
HEAD OF TECHNICAL SERVICES UNIT



RINA

**ATTACHMENT TO  
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*Manufacturer*

**STENCA TRADING A/S**

*Place of Manufacturer*

SVENDBORGVEJ 15  
9220 AALBORG EAST  
DENMARK

**Product description**

Bulkhead consisting of panels having maximum height of 2425 mm, maximum width of 580 mm each and thickness of 54 mm. Such panels are composed of two stainless steel or carbon steel sheets 0.7 mm thick each and, in between, one layer of material named PROMASIL MARINE, 52.6 thick and having density of  $280 \text{ kg/m}^3$ . The insulating material is glued to the steel sheets by means of  $380 \text{ g/m}^2$  of glue named Macroplast UK8103. The bulkhead is fitted, on the perimeter, with "C" shaped steel profiles having thickness of 2 mm. The panel joints consist of "L" shaped bent edges of the steel sheets, "U" shaped edges of the insulating material and fixing by means of  $1300 \text{ g/m}^2$  of adhesive type PROMASEAL GLUE.

**Field of application**

Fire resisting A-60 Class "light-weight construction" bulkhead for general applications.

**Reference documents**

TecnoWall drawing No. TWA60X1A dated 8 September 2011 approved on 3 November 2011 with endorsement No. LABS-590.

**Tests carried out**

Tests as per RINA Test Laboratory report No. 2011CS012618/1 issued on 3 November 2011 according to Resolution IMO A.754(18).



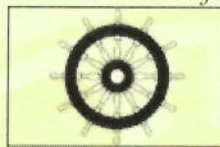


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*The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production control phase module (D, E or F) of Annex B of the Directive is fully complied with a written inspection agreement with a Notified Body*



**XXXX/YY**

**"WHEELMARK FORMAT"**

**XXXX**      *Notified Body number undertaking surveillance module*  
**YY**         *Last two digits of year mark affixed*

**USCG Approval**

This product has been assigned a U.S. Coast Guard module B number (*USCG number: 164.107/EC0474*) 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 27<sup>th</sup>, 2004.

The manufacturer is allowed to affix the U.S. Coast Guard approval number to the above equipment subject to the authorization of the Notified Body undertaking the surveillance module.

***General conditions for the approval***

- a) The initial conditions verified by RINA at the time of the approval are to be maintained
- b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessment
- c) This certificate will no be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with RINA
- d) RINA personnel are to be allowed to witness during the performances of activities, upon their request
- e) The activities are to be carried out in compliance with the RINA Rules and/or other applicable Rules
- f) Should the specified regulations or standards be amended during the validity of this certificate, the product is to be reapproved prior to it being placed on board vessels to which the amended regulations or standards apply.



**Dino Ettore Cervetto**

*ndw*