





Lloyd's  
Register

**Lloyd's Register Verification Limited**

71 Fenchurch Street, London, EC3M 4BS  
Telephone 020 7423 2416 Fax 020 7423 2053  
Email med@lr.org

Page 2 of 3
Document number MED 1950042
Issue number 1

**DESIGN APPRAISAL DOCUMENT**

Date 2 April 2019	Quote this reference on all future communications UKITSO/SFS/TA/JE/WP34287843
----------------------	--

**ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. MED 1950042**

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions and European Union legislation for the EC Type Examination of Marine Equipment for use on Merchant Ships Registered in the European Economic Area.

This Design Appraisal Document (schedule) forms part of the Certificate.

This Certificate is a renewal of Certificate No. MED 1450072

**APPROVAL/EXAMINED DOCUMENTATION**

**TEST REPORTS**

DIFT, Danish Institute of Fire and Security Technology, Jernholmen 12, DK-2650 Hvidovre, Denmark, Test Report File No. PG11692/Serial No. 11691 dated 22<sup>nd</sup> September 2008.

**CONDITIONS OF CERTIFICATION**

1. A-60 deck consisting of: 6mm thick aluminium plate insulated on underside with one layer of (70mm thick, density 66 kg/m<sup>3</sup>) wired mineral wool insulation type 'U Marine Wired Mat 66 VI (slab)' manufactured by Saint-Gobain Isover G+H AG, fitted to plate and around stiffeners, and four layers with wire removed compressed behind stiffeners
2. Total thickness of deck: 76mm
3. Insulation retained to the steel panels and stiffeners with welded steel pins and steel washers, fitted at a maximum spacing of 300mm centres
4. The core temperature of aluminium alloy shall not rise above a maximum 200°C limit above ambient temperature for 60 minute duration of test (SOLAS Chapter II-2 Regulation 11)
5. Composition and application of insulation material to be maintained in production and use in accordance with originally tested composition formula and method of application, and manufacturer's instructions
6. Production items of the subject equipment are to be manufactured in accordance with either an approved Production Quality Assurance system (Module D), a Product-Quality assurance system (Module E) or a Product Verification Process (Module F). The wheelmark cannot be affixed to the product until a conformity assessment module is in place
7. This product has been assigned a U.S. Coast Guard Module B number USCG Approval Category 164.105/EC0038 to note type approval to Module B only as it pertains to obtaining U. S. Coast Guard approval as allowed by the "Corrigendum to Council Decision 2004/425/EC of 21 April 2004 on the conclusion of an Agreement between the European Community and the United States of America on the mutual recognition of certificates of conformity for marine equipment"

In those instances where the Notified Body conducting the conformity assessment in accordance with either Module D, E or F of the Marine Equipment Directive is not Lloyd's Register Verification Ltd., such Notified Body would use the above U.S. Coast Guard Module B number to provide the manufacturer with the U.S. Coast Guard approval number by noting it on the Certificate of Conformity, thereby authorizing the manufacturer to mark the product accordingly



Lloyd's  
Register

## Lloyd's Register Verification Limited

71 Fenchurch Street, London, EC3M 4BS

Telephone 020 7423 2416 Fax 020 7423 2053

Email [med@lr.org](mailto:med@lr.org)

Page 3 of 3
Document number MED 1950042
Issue number 1

### DESIGN APPRAISAL DOCUMENT

Date 2 April 2019	Quote this reference on all future communications UKITSO/SFS/TA/JE/WP34287843
----------------------	--

#### ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. MED 1950042

Note: For products placed on board U.S. flagged ships there is no declaration of conformity required to meet U.S. Coast Guard requirements

- Each item, batch or lot of the equipment is to be issued with a "Declaration of Conformity" and have the "Mark of Conformity" affixed after a conformity assessment module is in place

#### PLACE OF PRODUCTION

Saint-Gobain ISOVER G+H AG  
Industriestraße 11  
D-19386 Luebz  
Germany



Jessica Evans  
Senior Specialist  
Fire & Safety, Statutory Discipline Team  
UK&I Technical Support Office, Marine & Offshore  
For and on behalf of Lloyd's Register Verification  
**LRV EC Distinguishing No. 0038**