

EC-TYPE EXAMINATION (MODULE B) CERTIFICATE

This is to certify that:

DBI Certification did undertake the relevant type approval procedures for the type of equipment identified below which was found to be in compliance with requirements of Marine Equipment Directive (MED) 2014/90/EU, subject to any conditions in the schedule attached hereto.

Manufacturer Address	Skamol A/S, Hasselager Centervej 1, 8260, Viby J, Denmark
Directive Reference	MED Directive 2014/90/EU , Regulation as amended by MED (EU) 2019/1397.
Regulation Item	MED/3.11a 'A' & 'B' Class divisions fire integrity (b) 'A' class divisions.
Product Type	Class A-60 Non-loadbearing Bulkhead
Product Description	Class A-60 Non-loadbearing Bulkhead designated SkamoMarine Panel Board 300.
Specified Standards	IMO Res.MSC.307(88)-(2010 FTP Code) Annex 1 part 3, as amended

The attached (*schedule of approval*) forms part of this certificate.

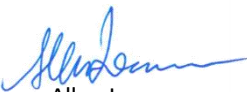
This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with.


Date of issue 2020-08-21 Issued by DBI Certification Notified Body No. **2531**
Expiry date 2025-08-21

This certificate was first issued 2020-08-21 by NB no.2531.

Signed

Name


Allan Laursen
Responsible for evaluation


Thomas Anthony Wilson
Responsible for certification decision

Notes:

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

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

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.

In case limitations of use apply, these should be indicated in the Annex of this certificate.

This certificate is issued under the authority of the Danish Maritime Authority.

(Annex)

Schedule of Approval

Place of Production

Skamol A/S, Hasselager Centervej 1, 8260, Viby J, Denmark

Product Description

The Class A-60 Non-Load bearing Bulkhead designated SkamoMarine Panel Board 300 consisting of 52 mm thick calcium silicate boards (type SkamoMarine Panel Board 300, density 300 kg/m³) with 1 mm galvanized steel U profiles fixed to the Bottom, top and side edges of the calcium silicate boards. The calcium silicate panels were glued together in the groove/key-joints with Sikaflex 591. For further details, see test report listed under Type Approval documentation below.

Product Classification

The Non-load bearing Bulkhead designated Class A-60 Non-load bearing Bulkhead SkamoMarine Panel Board 300 fulfils the criteria in IMO Res. MSC.307(88)-(2010) FTP code Annex 1 Part 3 and is therefore considered to meet the requirement for A-60 class Bulkheads, restricted application according to part 3 of annex 1 in the 2010 FTP code, if all the materials comply with paragraph 3.5.1 of part 3 of annex 1 to the 2010 FTP code.

Application / Limitation of Product

Approved for use as a non-load bearing light-weight construction of class A-60 and A-30.

The use of this product shall be limited to applications specifically approved by the Administration in question, see IMO 2010 FTP Code part 3, Appendix 1, items 1.12 and 1.13. The construction shall in any case not be used as part of main fire zone bulkheads and stairways enclosures on passenger ships (see also IMO MSC/Circ. 1005

Max. panel size: 593,9 x 2400 x 52 mm (W x H x T).

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

Type Approval Documentation

Test report no. PGB10018A dated 01-07-2020 from DBI.

Tested according to IMO Res. MSC.307(88)-(2010 FTP Code) Annex 1 part 3, Test for "A", "B" and "F" Class Divisions.

Test report no. PFB10398B dated 15-05-2020 from DBI

Tested according to IMO Res. MSC.307(88)-(2010 FTP Code) Annex 1 part 1, Test for Non-combustibility.

EC-Type examination certificate no. MEDB000019T issued by DNV-GL on the 06-06-2016. The certificate is valid until 2021-06-05 Valid for SikaFlex 591, 200 g/m²: The product meets the provision of the MED that apply to non-combustibility materials used in "A", "B" and "F" class divisions.

Marking of Product

The product or packing is to be marked with name of manufacturer, type designation, technical rating and Mark of Conformity.

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 II of the Directive is fully complied with and controlled by a written inspection agreement with a notified body.

End of Certificate