EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB000012A

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive (EU) 2015/559, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV GL AS under the authority of the Government of the Kingdom of Norway.

This is to certify:

That the "A" Class divisions, fire integrity
with type designation(s)
Fyrewrap® Marine Blanket Class A-60 Bulkhead
Issued to

Unifrax(Suzhou) Co., Ltd.

Suzhou, China

is found to comply with the requirements in the following Regulations/Standards:
Annex A.1, item No. A.1/3.11a and Annex B, Module B in the Directive; SOLAS 74 as amended, Regulation II-2/3.2.5 and IMO 2010 FTP Code.
Further details of the equipment and conditions for certification are given overleaf.
This Certificate is valid until **2021-08-15**.

Issued at **Høvik** on **2016-08-16**

Notified Body
No.: **0575**

DNV GL local station:
Shanghai CMC
Approval Engineer:
Fryderyk Hoga

for **DNV GL AS**

Vidar Dolonen
Head of Notified Body

© DNV GL 2014. DNV GL and the Horizon Graphic are trademarks of DNV GL AS.

Product description

"Fyrewrap® Marine Blanket Class A-60 Bulkhead"
Composed of a steel bulkhead insulated of two layers "Fyrewrap® Marine Blanket" of density 128 kg/m^3 on stiffened side of the bulkhead. 25 mm thick bottom layer placed between stiffeners and 38 mm thick surface layer covered between and upon the stiffeners.
Anchoring of insulation to bulkhead is arranged with steel pins and washers (21.3 sets/m^2).
Pins are to be installed with rectangular pattern and max. spacing of 320 mm between pins, max. 50 mm from the joints.
For further details, including spacing of welded pins and pinning in connection with joints, see test report listed under Type Approval documentation below.

Application/Limitation

Approved for use as a vertical fire retarding division of class A-60.
The insulation materials and adhesives used have to be approved according to the Marine Equipment Directive and bear the Mark of Conformity. This requirement may also be applicable for surface materials used, if required by relevant rules and regulations.
Each product is to be supplied with its manual for installation and use.

Type Examination documentation

Test report No. FT10063 dated 19 January 2010 from Far East Fire Testing Centre (FEFTC), Shanghai, China.

Tests carried out

Tested according to IMO FTPC Part 3 and in compliance with IMO 2010 FTP Code Ch.8.

Marking of product

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