DNV·GL

Certificate No:
MEDB00006G3

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), 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 Norway.

This is to certify:

That the C class Divisions

with type designation(s)
DAMPA panels and tiles with low frame spread surface material: Laminate

Issued to
Dampa ApS
Tommerup, Syddanmark, Denmark

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2019/1397,**
item No. MED/3.64. SOLAS 74 as amended, Regulation II-2/3.10,3.33 & 2/9 and IMO 2010 FTP Code and IMO Res. MSC/Circ.1120

Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2025-02-10**.
Issued at **Høvik** on **2020-02-11**

DNV GL local station:
Denmark CMC

Approval Engineer:
Tessa Biever

Notified Body
No.: **0575**

for **DNV GL AS**

Roald Vårheim
Head of Notified Body

NORWEGIAN ACCREDITATION PROD 019

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-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.
This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL AS of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.
Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV GL AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV GL") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

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Product description

'DAMPA panels and tiles with low flame spread surface material: Laminate',
Consisting of panels built up with the following layers seen from inside to outside:

- 0.5 mm - 1.0 mm thick aluminium or steel sheet. The sheet may be perforated with up to 22.7% open area.
- An acoustic inlay R6/40 (manufactured by Royalin R6/40). The acoustic inlay is bonded to the steel sheet with a polyethene glue with application rate of 12- 15 g/m^2.
- Max. 30 µm thick Metal Colour Firesafe Laminate 0.150 mm PVC Film.

Application/Limitation

Approved as non-combustible C-class division. The panel surface is approved as a low flame spread material, not generating excessive quantities of smoke nor toxic products in fire.

Approved colour (Metal Colour Firesafe Laminate with 0,150 mm PVC Film): light brown or brighter colours

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 maintenance.

Type Examination documentation

Test report no. PFB10373G dated 2019-11-19 (DAMPA AL 21 PVC laminate) from DBI, Hvidovre, Denmark.

Drawing Nos. 1106_marine-1 dated 2020-02-06 from manufacturer.
Drawing Nos. 1106_marine-2 dated 2020-02-06 from manufacturer.

Tests carried out

Tested according to IMO FTP Code Part 5 and Annex 2, item 2.2 and 2.3.

Marking of product

The product or packing is to be marked with name and address of manufacturer, type designation, fire technical rating and Mark of Conformity (see first page).