DNV·GL

Certificate No:
**MEDB00006A1**

# 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 flame spread surface material: polyester coil coat**

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**

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.


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## Product description

'DAMPA panels and tiles with low flame spread surface material: polyester coil coat',
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 up to an 22.7% open area.
- Insulation layer SeaRox SL 720 (manufactured by Rockwool with density 32 kg/m$^3$). The insulation layer may be wrapped in a PE wrapping and is laid loose inside the ceiling element.
- With or without an acoustic inlay R6/40 (manufactured by Royalin R6/40). The acoustic inlay is bonded to the insulation layer with a polyethene glue with application rate of 12- 15 g/m$^2$.
- Max. 30 µm polyester coil coat on front side manufactured by Metal Colour Firesafe.

## 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 (polyester coil coat): cream white, beige and white

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. PFB10373A dated 2019-11-19 (DAMPA AL 21 Polyester Coil Coat);
Test report no. PFB10373C dated 2019-11-19 (DAMPA Unperforated steel Polyester Coil Coat);
Test report no. PFB10373D dated 2019-11-18 (DAMPA Perforated steel ST 15 Polyester Coil Coat);
Test report no. PFB10373E dated 2019-11-19 (DAMPA Perforated steel ST 15 Polyester Coil Coat);
Test report no. PFB10373F dated 2019-11-19 (DAMPA Perforated steel ST 15 Polyester Prepaint);
All from DBI, Hvidovre, Denmark.

Drawing No. 1106_marine_1 dated 2020-02-06 from manufacturer.
Drawing No. 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 and Mark of Conformity (see first page).