DNV·GL

Certificate No:
TAF00001CR

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Class C Division

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
DNV GL statutory interpretations DNVGL-SI-0364 – SOLAS interpretations
DNV GL rules for classification – Ships
DNV GL offshore standards

Application :

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.

This certificate is recognized by Transport Canada.

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

Issued at **Høvik** on **2020-02-11**
This Certificate is valid until **2025-02-10**.
DNV GL local station: **Denmark CMC**

Approval Engineer: **Tessa Biever**

for **DNV GL**

Mårten Schei-Nilsson
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

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Job Id: **262.1-006911-3**
Certificate No: **TAF00001CR**

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. 30µm 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

Any adhesive used other than the one used during testing, has to be tested for low flame spread characteristics according to IMO 2010 FTP Code part 5.

Any surface materials used have to be approved for smoke and toxicity and low flame characteristic (IMO 2010 FTP Code parts 2 and 5) when required according to relevant rules.

Each product is to be supplied with its manual for installation and maintenance.

Type Examination documentation

Certification in accordance with Class Programme DNVGL-CP-0338, September 2018.

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_2 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 fire technical rating.

Transport Canada Approval

Based on the procedures laid down in the Transport Canada Publication entitled "Approval Procedures for, Life Saving Equipment and Structural Fire Protection Products (TP 14612)", DNV GL confirms that the product/s listed in this certificate is/are in accordance with Transport Canada's requirements.

Periodical assessment

DNV GL's surveyor is to be given permission to perform Periodical Assessments at any time during the validity of this certificate and at least every second year. The arrangement is to be in accordance with procedure described in DNVGL-CP-0338 Section 4.