DNV·GL

Certificate No:
MEDB000017X

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 the Kingdom of Norway.

This is to certify:

That the Surface materials and floor coverings with low flame-spread characteristics: floor coverings

with type designation(s)
HAMMER COLORTEC/GRAPHIC 900 G to 2000 G with Textile Back and HAMMER COLORTEC/GRAPHIC 1100 G to 1800 G Textile Felt Back

Issued to
Hammer Tæpper A/S
Herning, Denmark

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2015/559,**
Annex A.1, item No. A.1/3.18c and Annex B, Module B in the Directive; SOLAS 74, Reg. II-2/3, II-2/5, II-2/6, II-2/9 & X/3, IMO MSC/Circ. 1120, 2000 HSC Code 7 and IMO 2010 FTP Code

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

This Certificate is valid until **2021-09-28**.

Issued at **Høvik** on **2016-09-29**

DNV GL local station:
Aalborg

Approval Engineer:
Tomasz Werchowicz

Notified Body
No.: **0575**

for **DNV GL AS**

Vidar Dolonen
Head of Notified Body

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Product description

"Hammer Colortec/Graphic 900 G to 2000 G with Textile Back"
tufted carpet consisting of a pile of 80% wool and 20% nylon on a woven polypropylene (textile) backing.

Pile height 6 to 7 mm — Pile weight 900 to 2000 g/m².
Total thickness 10 mm — Total weight 1400 to 2500 g/m².

"Hammer Colortec/Graphic 1100 G to 1800 G with Textile Felt Back"
tufted carpet consisting of a pile of 80% wool and 20% nylon on a woven polypropylene (textile) felt backing.

Pile height 6 to 7 mm — Pile weight 1100 to 1800 g/m².
Total thickness 10 mm — Total weight 1300 to 2000 g/m².

Application/Limitation

Approved for use as low flame spread surface material, not generating excessive quantities of smoke nor toxic products in fire.

Hammer Colortec/Graphic 900 G to 2000 G with Textile Back:
Approved for use as a floor covering on a metallic substrate with a thickness of at least 2.25 mm.

Hammer Colortec/Graphic 1100 G to 1800 G with Textile Felt Back:
Approved for use as a floor covering on non-combustible substrate.

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 and to be approved according to the Marine Equipment Directive and bear the Mark of Conformity.

Several layers of floor coverings are acceptable provided that each layer is approved according to the Marine Equipment Directive and bear the mark of Conformity.

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

Type Examination documentation

Test Reports:

- Warres No. 122032, dated 13th December 2001,
- Warres No. 122033, dated 13th December 2001,
- Warres No. 122034, dated 13th December 2001,
- Warres No. 122035, dated 13th December 2001,
- WF 162659 dated 13th June 2007,
- WF 162656 dated 18th June 2007,
- WF 162657 dated 25th June 2007,
- WF 162658 dated 13th June 2007,

all from Warrington Fire Research Centre, UK.

Supplements:

- No. 1 to Bodycote warringtonfire Test Report No. 162656,
- No. 1 to Bodycote warringtonfire Test Report No. 162657,
- No. 1 to Bodycote warringtonfire Test Report No. 162658,
- No. 1 to Bodycote warringtonfire Test Report No. 162659,

all dated 3rd October 2007, from Warrington Fire Research Centre, UK.

Tests carried out

Tested according to IMO FTP Code Part 2 and Part 5, and in compliance with IMO 2010 FTP Code Ch. 8.

Marking of product

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