

# 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 Surface materials and floor coverings with low flame-spread characteristics: floor coverings**

with type designation(s)  
**GRAPHIC DOORMAT 1500 g**

Issued to

**Hammer Tæpper A/S**  
**Herning, Denmark**

is found to comply with the requirements in the following Regulations/Standards:

Regulation **(EU) 2017/306**,  
**item No. MED/3.18c. SOLAS 74, Reg. II-2/3, II-2/5, II-2/6 & X/3, IMO MSC/Circ. 1120, 2000 HSC Code 7 and IMO 2010 FTP Code**

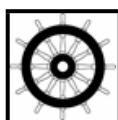
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2022-10-09**.

Issued at **Høvik** on **2017-10-10**

DNV GL local station:  
**Aalborg**

Approval Engineer:  
**Nathaniel Frithiof**



Notified Body  
No.: **0575**

for **DNV GL AS**

**Vidar Dolonen**  
**Head of Notified Body**

A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F), as allowed by the "Agreement between the United States of America and the EEA EFTA states on the mutual recognition of Certificates of Conformity for Marine Equipment" signed 17 October 2005.

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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



Job Id: **344.1-001204-7**  
Certificate No: **MEDB00002R3**

## Product description

"GRAPHIC DOORMAT 1500 g"

A tufted carpet consisting of a pile of 80% wool and 20% nylon with a polyamide (PA) monofilament, precoated with SBR latex and PP film on a backing of polypropylene (textile).

Pile height 6 mm

Total thickness 8 to 9 mm

Pile weight 1500 g/m<sup>2</sup>.

Total weight 2050 g/m<sup>2</sup>.

## Application/Limitation

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

Approved for use as floor coverings on non-combustible substrate.

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.

Any adhesive used, other than the one used during testing, has to be tested for low flame spread characteristics according to IMO FTP Code Part 5 and to be approved according to the Marine Equipment Directive and bear the Mark of Conformity.

Maximum gross calorific value shall be documented separately where applicable, ref. SOLAS Chapter II-2 Reg. 5.3.2.

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

## Type Examination documentation

Test report No. WF 155648 and WF 154971 both dated 16 August 2006 from Bodycote Warringtonfire Centre, UK.

## Tests carried out

Tested in accordance with IMO FTPC Part 5 and 2, 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, fire technical rating, MED Mark of Conformity and USCG Approval number if applicable (see first page).