

# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:  
**MEDB0000155**

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive (EU) 2015/559, 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)

**STREAMO STEAMER, STREAMO MARINER, STREAMO SEACROSSER, STREAMO KARAVEL,  
STREAMO CRUISER, STREAMO CRUISER NG**

Issued to

**Gerflor SAS**

**VILLEURBANNE, France**

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

**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 **2021-09-04**.

Issued at **Høvik** on **2016-09-05**

DNV GL local station:

**Paris CMC / VMC**

Approval Engineer:

**Fryderyk Hoga**

Notified Body

No.: **0575**

for **DNV GL AS**

-----  
**Vidar Dolonen**

**Head of Notified Body**

## Product description

"STREAMO STEAMER, STREAMO MARINER, STREAMO SEACROSSER, STREAMO KARAVEL, STREAMO CRUISER, STREAMO CRUISER NG"

All floor coverings, except Streamo Karavel, are composed of homogeneous polyvinyl chloride, Streamo Karavel is composed of heterogeneous polyvinyl chloride luxury vinyl tile. All floor coverings are glued to the surface.

| Type designation   | Weight per unit area  | Max. thickness | Manufacturer premises                                     |
|--------------------|-----------------------|----------------|-----------------------------------------------------------|
| Streamo Seacrosser | 3135 g/m <sup>2</sup> | 2.0 mm         | Gerflor Mipolam GmbH / Gerflor Floorings (China) Co., Ltd |
| Streamo Steamer    | 3135 g/m <sup>2</sup> | 2.0 mm         | Gerflor Floorings (China) Co., Ltd                        |
| Streamo Mariner    | 3360 g/m <sup>2</sup> | 2.0 mm         | Gerflor Floorings (China) Co., Ltd / Gernord Ltd          |
| Streamo Karavel    | 4200 g/m <sup>2</sup> | 2.5 mm         | M & L International Ltd                                   |
| Streamo Cruiser    | 3300 g/m <sup>2</sup> | 2.0 mm         | Gerflor Mipolam GmbH                                      |
| Streamo Cruiser NG | 3100 g/m <sup>2</sup> | 2.0 mm         | Gerflor Mipolam GmbH                                      |

Streamo Cruiser NG

Max. organic content: 50 %

Approved colour: beige

## Application/Limitation

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

Streamo Seacrosser, Streamo Steamer, Streamo Mariner, Streamo Karavel, Streamo Cruiser NG:

Approved for use as floor covering on non-combustible substrate with thickness of at least 12 mm.

Streamo Cruiser:

Approved for use over any low flame-spread floor covering, steel or non-combustible material.

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 2010 FTP Code part 5 and to be approved according to the Marine Equipment Directive and bear the Mark of Conformity.

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

## Type Examination documentation

Test reports:

No. 196152 dated 8 December 2010 and No. 196149 dated 20 December 2010 (Streamo Seacrosser).

No. 196153 dated 8 December 2010 and No. 196148 dated 20 December 2010 (Streamo Steamer).

No. 196154 dated 8 December 2010 and No. 196147 dated 20 December 2010 (Streamo Mariner).

No. 196130 dated 8 December 2010 and No. 196127 dated 20 December 2010 (Streamo Karavel).

No. 144175 dated 10 February 2005 and No. 143595 dated 1 March 2005 (Streamo Cruiser).

No. 357481 dated 25 November 2015 and No. 357484 dated 27 November 2015 (Streamo Cruiser NG).

All from Exova Warringtonfire, Warrington, UK.

## Tests carried out

Tested in accordance with IMO FTPC Parts 5 and 2 and in compliance with IMO 2010 FTP Code Ch. 8. (Streamo Seacrosser, Streamo Steamer, Streamo Mariner, Streamo Karavel, Streamo Cruiser) and IMO 2010 FTP part 5 and 2 (Streamo Cruiser NG).

## Marking of product

The products are to be marked with name of manufacturer, type designation, the MED Mark of Conformity and USCG approval if applicable (see first page).