

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

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 Directorate. 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:
decorative veneers**

with type designation(s)
Formica Marine Sheet

Issued to

Shanghai Formica Decorative Material Co., Ltd
Shanghai, China

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

Annex A.1, item No. A.1/3.18a 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

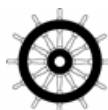
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2021-01-17**.

Issued at **Høvik** on **2016-05-23**

DNV GL local station:
Shanghai

Approval Engineer:
Tessa Biever



Notified Body
No.: **0575**

for **DNV GL AS**

Vidar Dolonen
Head of Notified Body

Product description

"Formica Marine Sheet"

A decorative laminate, 0,7 mm $\pm$ 0,1 mm, consisting of a core of 3 layers of "Kraft" paper impregnated with phenolic resin and overlayed with one layer of "Deco paper" impregnated with melamin resin.

Applications/Limitations

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

Approved for use as decorative veneer on a non combustibile 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.

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 use.

Type Examination documentation

Basis for approval:

- Test report No. FT10026 dated 26 January 2010 from Far East Fire Testing Centre, Shnanghai, China
- Test report No. 195662 dated 7 September 2010 from Exova Warrington, Cheshire, UK.

Tests carried out

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

Marking of product

The product or packing is to be marked with name of manufacturer, type designation, Mark of Conformity and USCG approval if applicable (see page 1).