



Marine & Offshore

Certificate number: 03002/E0 MED

File number: AC11300/011/008

Item number: MED/3.18a

USCG Module B number: 164.112 / EC2690

This certificate is not valid when presented without the full attached schedule composed of 7 sections
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Notified Body 2690 - MARINE EQUIPMENT DIRECTIVE 2014/90/EU

EC TYPE EXAMINATION CERTIFICATE

as per Module B of Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations and Commission Implementing Regulation (EU) 2018/773 of 15 May 2018

This certificate is issued to:

Formica IKI Oy

Kolho - FINLAND

for the type of product

**SURFACE MATERIALS AND FLOOR COVERINGS WITH LOW FLAME-SPREAD
CHARACTERISTICS: DECORATIVE VENEERS**

HGS 0.7 - 0.8 mm, High Pressure Laminate

Requirements:

SOLAS 74 convention as amended, Regulations II-2/3, II-2/5, II-2/6, II-2/9, X/3
IMO Res. MSC.36(63) -(1994 HSC Code)- as amended, 7
IMO Res. MSC.97(73) -(2000 HSC Code)- as amended, 7
IMO Res. MSC.61(67) -(FTP Code)- with IMO Res MSC.307(88) -(2010 FTP Code)- article 8
IMO MSC/Circ.1120

This certificate is issued on behalf of the French Maritime Authorities to attest that Bureau Veritas Marine & Offshore did undertake the relevant type-examination procedures for the product identified above which was found to comply with the relevant requirements of the Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations.

This certificate is a renewal of certificate N° 03002/D0 EC expiring on 03/12/2019

This certificate will expire on: 03 Dec 2024

For Bureau Veritas Marine & Offshore Notified Body 2690,

At BV HELSINKI, on 08 Oct 2019,

Tommy Andersson



This certificate does not allow to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark) to the products corresponding to this type. To this end, the production-control phase module (D, E or F) of Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a notified body.

This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. Bureau Veritas Marine & Offshore is designated by the French Maritime Authority as a "notified body" under the terms of the French Regulations Division 140 Chapter 140-2. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION:

HGS 0.7 - 0.8 mm, High Pressure Laminate

High pressure laminate composed of layers of cellulosic fibrous material impregnated with thermosetting resins and bonded together by high pressure.

Tested thickness: 0.65 mm

Mass per square meter: 955 g/m²

For the test, the laminate was glued on a 9.5 mm thick non-combustible "Monolux board" (nominal density 640 kg/m³; manufactured by Cape Boards Ltd) with glue type "Prefere 4030" (application rate 100 g/m²; manufactured by Dynea Finland Oy).

2. DOCUMENTS AND DRAWINGS:

Technical data sheet "HGS" V1 dated 30/09/2019.

3. TEST REPORTS:

3.1 - Test report N° RTE 3451/04 dated 25/10/2004, as per IMO FTP Code Annex 1 Part 5 [test standard : IMO Resolution A.653(16)], from VTT Laboratories, Finland.

3.2 - Assessment N° RTE 3458/04 dated 25/10/2004 from VTT Laboratories, Finland.

4. APPLICATION / LIMITATION:

4.1 - Acceptable for use on any non-combustible / non-metallic substrate (complying with the requirements of MED 2014/90/UE) having:

- a minimum density of at least 480 kg/m³ with no condition on the thickness, or,
- a minimum density of at least 400 kg/m³ with a thickness of at least 9.5 mm.

4.2 - In application of FTP Code 2010 Annex 2 § 2.2, the product is expected to satisfy the requirement of smoke & toxicity without further testing.

4.3 - In application of FTP Code 2010 Annex 2 § 2.3, the product is expected to satisfy the requirement of maximum gross calorific value (e.g. 45 MJ/m²) without further testing.

4.4 - The fitting aboard to be the same as used for the test.

5. PRODUCTION SURVEY REQUIREMENTS:

This certificate alone does not allow the applicant to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark) to the products corresponding to this type. To this end, the production-control phase module D Production Quality Assurance or module E Product Quality Assurance or module F Product Verification of Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a Notified Body.

6. MARKING OF PRODUCT:

6.1 - Reference is made to MED 2014/90/EU chapter 2.

In particular Article 10.3 specifies that the wheelmark shall be followed by the identification number of the Notified Body involved in the production control phase (module D, E or F) and by the year in which the mark is affixed (4 digits or last 2 digits).

6.2 - In pursuance of the EU/US MRA+, and in accordance with the Council Decision 2004/425/EC of 21 April 2004, the product(s) marked as per MED 2014/90/EU may be marked with the USCG conformity marking as authorized by the Notified Body undertaking surveillance module.

7. OTHERS:

7.1 - It is **Formica IKI Oy's** responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

7.2 - This Certificate supersedes EC Type Examination Certificate N° 03002/D0 EC issued on 03/12/2014 by the Society.

*** END OF CERTIFICATE ***