



Marine & Offshore

Certificate number: 11161/D0 MED

File number: ACI 1340/130/001-002

Item number: MED/3.19

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) 2017/306 of 06 Feb. 2017

This certificate is issued to:

MERMET S.A.S

VEYRINS - FRANCE

for the type of product

DRAPERIES, CURTAINS AND OTHER SUSPENDED TEXTILE MATERIALS AND FILMS

ACOUSTIS 50 / SV 10% / S2 3% / S2 5% / M-SCREEN 8505 / SATINE 5500 / KIBO 8500 / KARELLIS 11301 / FLOCKE 11201

Requirements:

SOLAS 74 convention as amended, Regulations II-2/3, 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.307(88) -(2010 FTP Code)-
IMO Res. MSC.61(67) -(FTP Code)- Annex 1 Part 7 with IMO Res MSC.307(88) -(2010 FTP Code)- article 8
IMO MSC/Circ.1120
IMO MSC.1/Circ.1456

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 will expire on: 09 Oct 2022

For Bureau Veritas Marine & Offshore Notified Body 2690,

At BV LYON, on 09 Oct 2017,

Yann Krempelwicz



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:

Vertically supported textiles.

ACOUSTIS 50

Composition : glass wire mesh (approx. 36 %) coated with PVC FR (approx. 64 %).

Surface weight: 430 g/m²±5%

Thickness : 0.6 mm (nominal 0.55 mm±5%)

SV 10%

Composition : glass wire mesh (approx. 36 %) coated with PVC FR (approx. 64 %).

Surface weight : 340 g/m²±5%

Thickness : 0.5 mm (nominal 0.42 mm±5%)

S2 3%

Composition : glass wire mesh (approx. 36 %) coated with PVC FR (approx. 64 %).

Surface weight : 430 g/m²±5%

Thickness : 0.63 mm(nominal 0.68 mm±5%)

S2 5%

Composition : glass wire mesh (approx. 36 %) coated with PVC FR (approx. 64 %).

Surface weight : 420 g/m²±5%

Thickness : 0.63 mm (nominal 0.68 mm±5%)

M-SCREEN 8505

Composition : glass wire mesh (approx. 36 %) coated with PVC FR (approx. 64 %).

Surface weight : 390 g/m²±5%

Thickness : 0.5 mm (nominal 0.50 mm±5%)

SATINE 5500

Composition : glass wire mesh (approx. 42 %) coated with PVC FR on both faces (approx. 58 %).

Surface weight : 520 g/m²±5%

Thickness : 0.75 mm (nominal 0.75 mm±5%)

KIBO 8500

Composition : glass wire mesh (approx. 22 %) coated with PVC FR + acrylo-vinyl + flockage (approx. 78 %).

Surface weight : 590 g/m²±10% to 650 g/m²±10% (depending on colours)

Thickness : 0.55 mm (nominal 0.58 mm±10%)

KARELLIS 11301

Composition : polyester fabric (approx. 58 %) coated with PU(approx. 42 %).

Surface weight : 290 g/m²±10% to 330 g/m²±10% (depending on colours)

Thickness : 0.35 mm (nominal 0.34 mm±10%)

FLOCKE 11201

Composition : glass wire mesh (approx. 42 %) coated with acrylic primer + acrylo-vinyl FR coating (approx. 58 %).

Surface weight : 415 g/m²±10% to 550 g/m²±10% (depending on colours)

Thickness : 0.50 mm (nominal 0.45 mm±10 % to 0.52 mm±10%)

2. DOCUMENTS AND DRAWINGS:

ACOUSTIS 50 : Technical data sheet V3 dated 03/2016

SV 10% : Technical data sheet V3 dated 03/2016

S2 3% and 5% : Technical data sheet V2dated 07/2015

M-SCREEN 8505 : Technical data sheet V2 dated 07/2015

SATINE 5500 : Technical data sheet V4 dated 03/2016

KIBO 8500 : Technical data sheet V4 dated 10/2017

KARELLIS 11301 : Technical data sheet V1 dated 10/2017

FLOCKE 11201 : Technical data sheet V4 dated 10/2017

3. TEST REPORTS:

SV 10% : test report N° H020009 CEMATE/1dated 27.03.2007

ACOUSTIS 50 : test report N° H020009 CEMATE/2 dated 27.03.2007

S2 3%, S2 5% : test report N° L091453 DE/1 & DE/2 dated 22.10.2010.

Tests carried out as per IMO FTP Code Annex 1 Part 7 [testing procedure according to IMO Resolution A.563(14)] from LNE, France.

M-SCREEN 8505 : test report N°16.01438.02 dated 15.04.2016,

SATINE 5500 : test report N°17.03791.03, dated 31.07.2017

KIBO 8500 : test report N°17.02582.02 , dated 06.06.2017

KARELLIS 11301 : test report N°17.02582.04 , dated 06.06.2017

FLOCKE 11201 : test report N°17.02582.06 , dated 06.06.2017

Tests carried out as per IMO 2010 FTP Code Annex 1 Part 7, from Centexbel, Belgium.

4. APPLICATION / LIMITATION:

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 E "Product Quality Assurance" or 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:

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).

7. OTHERS:

7.1 - It is **MERMET SAS**'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° 11161/C2 EC issued on 25/05/2016 by the Society.

*** END OF CERTIFICATE ***