

MRA Mutual Recognition Agreement on Marine Equipment EC-US

**EC TYPE-EXAMINATION CERTIFICATE
(Module B)**

Application Of:

DIRECTIVE 2014/90/EU of 23rd July 2014

Certificate N° 0987/MED-B/712

This Certificate consists of 2 pages

This is to certify that the products of the family of fabrics

AZIMUT

(area weight from 200 g/m² to 550 g/m²)

Materials submitted for examination:

AZIMUT (Nom. Weight: 200 g/m²) / AZIMUT (Nom. Weight: 550 g/m²)

MED annex A.1 items: A.1/3.20

Product types:

UPHOLSTERED FURNITURE

Supplied by:

PUGI R.G. S.r.l.

Via G. Garibaldi, 33/B - 51037 MONTALE (PT) - Italy

Complies with the requirements in the following Regulations/Standards:

Annex B, Module B in the above Directive and as applicable:

- Reg. II-2/3, Reg. II-2/5, Reg. II-2/9, Reg. X/3.
- Reg. II-2/3, Reg. II-2/5, Reg. II-2/9, IMO Res. MSC 36(63)-(1994 HSC Code), 7, IMO Res. MSC. 97(73)-(2000 HSC Code), 7
- IMO Res. MSC. 307(88) – (2010 FTP Code)
- IMO / MSC/Circ. 1102

This product has been assigned a U.S. Coast Guard Module B number [N° 164.144/EC0987/MED712](#) to note type approval to Module B only as it pertains to obtaining US Coast Guard approval as allowed by the "Agreement between the European Community for Marine Equipment" signed February 27th, 2004.

Further details of the product and conditions for certification are given overleaf



The Manufacturer is allowed to affix the Mark of conformity according to the Article 11 in the Council Directive 96/98/EC on Marine Equipment and issue a Declaration of Conformity, only when the Module D or E or F of Annex B in the same Directive is fully complied with.

Prato, 31/01/2017

The Technical Director

PROPOSED

Dr. Luca Ermini

The Certification Manager

APPROVED

Dr. Massimo Borini

This certificate is valid until 30/01/2022

This Certificate is issued under the Authority of Ministero delle Infrastrutture e dei Trasporti Comando Generale del Corpo delle Capitanerie di Porto according to Decreto Ministeriale 13 September 2016 N° 861/2016.

Product description:

Appearance: upholstered piece of furniture mock-ups consisting of a cover in fabric and a flexible foam.

The products have been tested preparing a hypothesis of an upholstered piece of furniture mock up whose construction is reported in the table below for each material belonging to the family of fabrics **AZIMUT**.

Ref. Lab.	Family of fabrics	Materials submitted for examination	Composition	Nom. Weight	Nom. Thickness	Fillings used for test:
099/17	AZIMUT	AZIMUT (200 g/m ²)	100% Polyester	200 g/m ²	0.5 mm	FR PU Foam, Class 1 IM (UNI 9175), 35 kg/m ³ Supplied by LAPI S.p.A.
100/17		AZIMUT (550 g/m ²)	100% Polyester	550 g/m ²	1 mm	FR PU Foam, Class 1 IM (UNI 9175), 35 kg/m ³ Supplied by LAPI S.p.A.

Note: construction of the mock up in accordance with FTP Code 307 (88) Ed. 2010 Annex 1 Part 8.

The sampling of the products has been effected c/o the factory of PUGI R.G. S.p.A. located in Via G. Garibaldi, 33/B - 51037 MONTALE (PT) see following table:

Ref. Laboratory no.	Cover:	Production batch n.	Date
099/17	AZIMUT (200 g/m ²)	2069501	23 January 2017
100/17	AZIMUT (550 g/m ²)	1603726	23 January 2017

Applications/Limitations

The compliance is valid provided the following conditions are observed:

- For each fabric, the composition, the weight and all the technical data must remain the same as the ones subjected to this examination.
- For each fabric, the composition of the actual upholstered piece of furniture must be the same as the one tested.
- For the **whole family of fabrics AZIMUT** the composition must remain the same as the materials submitted for testing (that is **100% Polyester F.R.**)
- Moreover for the whole family of fabrics **AZIMUT**, the area weight may range from a minimum of **200 g/m²** to a maximum of **550 g/m²**, extremes included.

Moreover according to Directive 2014/90/EU, Annex II Paragraph 3, a project examination and a risk evaluation have been carried out.

- Project examination

The design of the materials appear adequate to the intended use (upholstered furniture components - covers), on the base of the tests carried out and referred to in the Test Reports listed below.

- Risk analysis

No specific risks should be produced if the material is used only for its intended use (upholstered furniture components - covers) in the layering prepared for the test. In particular:

- The materials must be mounted and submitted to proper maintenance.
- The materials must be mounted on foams as the ones used to build the hypothesis of an upholstered piece of furniture mock up described above.
- No other material may be added.

Regular cleaning procedure suitable for the materials must be carried on in order not to impair the flame reaction of the materials

The Sponsor has to undertake all necessary measure for the risk mitigation in installation and service life of the material.

It is reminded that the present document refers to **hypothesis of upholstered furniture, obtained coupling the fabric supplied by the Sponsor with the foam supplied by the Laboratory.**

In case the filling materials is changed from the one used for this examination, the test shall be repeated with the actual combination used.

Type approval documentation:

Re. Lab.	Material art.:	Test Report	Issued by
099/17	AZIMUT (200 g/m ²)	099.4IM0130/17 - FTP Code 307 (88) Ed. 2010 Annex 1 Part 8 Test for upholstered furniture - Cigarette and match test	LAPI Laboratorio Prevenzione Incendi SpA - Italy - Notified Testing Body N° 0987 EN 17025 Accredited Laboratory IMO Testing Laboratory SSE.1 / Circ. 1
100/17	AZIMUT (550 g/m ²)	100.4IM0130/17 - FTP Code 307 (88) Ed. 2010 Annex 1 Part 8 Test for upholstered furniture - Cigarette and match test	

===== End of Document =====

