



Notified Body No. 1121

**UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND  
CERTIFICATE OF TYPE APPROVAL**

(EC Certificate of Type Examination-96/98/EC Directive Module B)

**Certificate Number: 164.144/1121/WCL MED0202TE**

Applicant:-	<b>Gabriel A/S</b>	Manufacturer:-	Baltijos Tekstile UAB	Scandye
Address:-	<b>Hjulgagervej 55, Post box 59, 9000 Aalborg, Denmark</b>		Senjot, 2 68176, Marijampole, Lithuania	Pramones g. 17G LT-87101 Telsiai Lithuania

This is to certify that the applicant has submitted details of an upholstery fabric designated as:-

**Flovan treated 100% wool fabric - Gaja, Interglobe Wool, Novo, Pixel**

having the technical specification given in the schedule of equipment on this certificate which has been tested and complies with the recommended criteria given in the following methods, published by the International Maritime Organisation, and which are contained in the relevant parts of the International Code for Application of Fire Test Procedures (FTP Code) namely:-

IMO Resolution A.652 (16)  
IMO Resolution MSC.61(67) Annex 1, Part 8

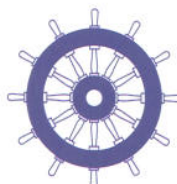
This certificate is issued on behalf of the Maritime and Coastguard Agency (MCA). The system complies with the relevant international testing standards under which legislation (The Merchant Shipping Marine Equipment) Regulations 1999 and also the Marine Equipment Directive 96/98 amended by Directive 98/95, Directive 2001/53, Directive 2002/75 and Directive 2008/67) the certificate is issued.

The manufacturer is allowed to affix the U.S. Coast Guard approval number 164.144/1121/WCL MED0202TE as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment" signed February 27<sup>th</sup>, 2004.

Chris Hughes  
Manager  
Warrington Certification Limited  
Holmesfield Road  
Warrington WA1 2DS

Date of Issue 16<sup>th</sup> February 2011  
Revised on 1<sup>st</sup> June 2011  
This certificate is valid until 15<sup>th</sup> February 2016

**This certificate is not valid for equipment, the design or manufacture of which,  
has been varied or modified from the specimens tested.**



*This certificate does not entitle the use of the Mark of Conformity, which requires an additional module, either D, E or F.*

*Under the terms of the Merchant Shipping (Marine Equipment Regulations 1991) Warrington Certification Ltd. has been notified to the European Commission by the Maritime and Coastguard Agency as a body authorised to conduct Type Examinations under the provisions of the European Council Directive 96/98/EC on Marine Equipment and issue Certificates of Type Approval.*

## Certificate of Type Approval Schedule of Equipment

The applicant declared that the following comprises an accurate description of the system type to which this certificate applies.

General description		A flame retardant grade worsted wool fabric and upholstery foam composite
Overall thickness of composite		75.78mm
Overall weight per unit area of composite		2.04kg/m <sup>2</sup>
Fabric	Generic description	100% worsted wool
	Name of manufacturer	Gabriel A/S
	Overall thickness	0.78mm
	Overall weight per unit area	375 - 470g/m <sup>2</sup> (530 to 650 g per linear meter, width 1.4m)
	Colour reference	Any
	Pattern reference	The sponsor has confirmed that the fabric does not have a specific pattern reference
	Type of weave	Crepe
	Trade name of flame retardant	"Flovac CGN"
	Generic type of flame retardant	See Note 1 below
	Amount of flame retardant	<b>See Note 1 below</b>
Foam	Generic type	Polyurethane
	Product reference	"VP45"
	Name of manufacturer	Vitafoam
	Thickness	75mm
	Colour	"Yellow"
	Density	Between 20 to 22 kg/m <sup>3</sup>
	Flame retardant details	See Note 2 below

Note 1. The sponsor of the test was unable to provide this information.

Note 2. No flame retardant additives were utilised in the production of this component.

The under noted documents have been approved for compliance with the relevant requirements of International Conventions and European Union Legislation for the EC Type examination of Marine Equipment for use on Ships Registered in the European Economic Area.

### Approved Documents

### Test Reports

- (1) WF 168027 Upholstery Furniture test to IMO A.652 (16) Annex 1, Part 8 of the Fire Test Procedures Code, Resolution MSC.61 (67).
- (2) West Yorkshire Testing Services Report 43919 Upholstery Furniture test to IMO A.652 (16) Annex 1, Part 8 of the Fire Test Procedures Code, Resolution MSC.61 (67).
- (3) West Yorkshire Testing Services Report 43921 Upholstery Furniture test to IMO A.652 (16) Annex 1, Part 8 of the Fire Test Procedures Code, Resolution MSC.61 (67).

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Certificate Number: 164.144/1121/WCL MED0202TE

## EUROPEAN COMMUNITY CERTIFICATE OF CONFORMITY

Issued in accordance with the  
**MARINE EQUIPMENT DIRECTIVE**

**Certificate No. 164.144/1121/WCL MED0202QA**

This is to certify that in compliance with the Council Directive 96/95/EC of 20 December 1996 on marine equipment as modified by Directive 98/95/EC and Directive 2001/5, the product detailed below has been tested in accordance with the appropriate international instruments contained therein.

This certificate is issued to:

Gabriel A/S  
Hjulmagervej 55  
Post box 59  
9000 Aalborg  
Denmark

To certify also that a Surveyor representing Warrington Certification Limited did at their request attend at the works of Gabriel A/S on 13<sup>th</sup> and 14<sup>th</sup> December 2010 for the purpose of examining the production and factory production control systems for this product.

**Product Description** - Upholstery  
**Product Type** - Upholstery Fabric  
**Reference** - Flovan treated 100% wool fabric - Gaja, Interglobe, Novo, Pixel  
**Modules used** - (D)

The particulars of which are given on this certificate, to verify compliance with the requirements of the International Convention for the Safety of Life at Sea (SOLAS) 1974 Regulation II-2/3.40.6, II-2/9.2.2.3.2 and II-2/5.3.3

The manufacturer is allowed to affix the U.S. Coast Guard approval number 164.144/1121/WCL MED0202QA as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment" signed February 27<sup>th</sup>, 2004.



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**WCL EC Distinguishing No. 1121**

Certificate No. 164.144/1121/WCL MED0202QA

**Description of Product as Prototype Tested:**

The product is constructed as described in the test reports referenced in the following certificate.

<b>EC Type-Examination Certificate No.</b>	<b>Notified Body</b>	<b>Date of Issue</b>
164.144/1121/WCL MED0202TE	Warrington Certification Limited	16/02/11

<b>Regulation No</b>	<b>Testing Standard</b>	<b>Result</b>	<b>Date</b>
II-2/3.40.6, II-2/9.2.2.3.2 and II-2/5.3.3	IMO Resolution A.652 (16)		
	IMO Resolution MSC.61(67) Annex 1, Part 8	Pass	02/10/07

**Marking & Identification affixed to the product:**

<b>Manufacturer Name</b>	Gabriel A/S
<b>Manufacturer Address</b>	Hjulgagervej 55, Post box 59, 9000 Aalborg, Denmark
<b>Product Reference</b>	<b>Flovan treated 100% wool fabric - Gaja, Interglobe, Novo, Pixel</b>
<b>Approved Authority</b>	<b>Warrington Certification Limited</b>

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