

Datenblatt

WoodSupport-GH Sperrholz



IMO Resolution MSC.307(88) - (FTP-Code 2010) Part 1.

nicht brennbarer Werkstoff

Technische Daten	Standard	Einheit	Wert						
Plattenstärke	EN 315	mm	12,5	15	18	20	25	33	50
Kern	Blähglas	mm+/-0.5	8	8	8	8	8	8	2x 8
Furnier-Lagen	EN 635-1	mm	6	6	6	6	6	12	18
Verleimung	EN 314		Class 3						
Holzart 100 %	Fuma Okume		Ceiba Pentandra Aucoumea Klaineana						
Gewicht/m ² *	EN 323	Kg/m ² ca.	8,60	9,45	10,3	11,28	13,90	16,40	27,50
Standardabmessung	EN 324	mm	2520 x 1220						
Biegefestigkeit	EN 310	N/mm ²	14,02						
Rohdichte*	EN 323	Kg/m ³	688	630	572	564	556	505	550
Querzugfestigkeit	EN 319		0,85						
Formaldehyd	EN 16516	0,01[ppm]	0,010[mg/m ³]/(18 mm)			-			
Schraubenauszugsfestigkeit	EN 320	F max. in N	611						
Steuerradzulassung	Modul B		BG Verkehr 114584-00						
Steuerradzulassung	Modul D		DNV. MEDD00000KH-10						
U.S. Coast Guard			164.109/EC0736/114584-00						
Zeugnis	EPH		Prüfbericht Nr.: 2719377 und 2719565						
HS Code N°			44123190 + 70169070						

*Vorläufige Werte,
werden zeitnah
aktualisiert

P R Ü F U N G S Z E U G N I S

ST-19-10-11-01

Produkt: **WoodSupport-GH; (12,5-16,5) mm**
Product: Schott-/Wand-/Deckenverkleidung/sonstiges
Bulkhead/wall/ceiling covering/other

Hersteller: Patrick Leleu Furnier GmbH, Eichetstraße 14, 76456 Kuppenheim
Manufacturer: Deutschland / Germany

Auftrag: **Prüfung des Brandverhaltens zum Nachweis der Nichtbrennbarkeit gemäß IMO Res. MSC. 307(88) FTP Code 2010, Anlage 1, Teil 1**
Order: **Non-combustibility reaction to fire test according to IMO Res. MSC. 307(88) FTP Code 2010, Annex 1, Part 1**

Prüfbericht / Test report: **2719377, 2719565**

Prüfergebnisse: <i>Test results:</i>	Parameter / Parameter	Prüfergebnis / Test result (n = 10)	
		12,5 mm	16,5 mm
Durchschnittliche Temperaturerhöhung am Ofenthermoelement <i>Furnace temperature rise mean value</i>	ΔT_f [°C]	6,6	19,9
Durchschnittliche Temperaturerhöhung am Oberflächenthermoelement <i>Specimen surface temperature rise mean value</i>	ΔT_s [°C]	16,5	26,3
Mittlere Dauer einer ununterbrochenen Flammenbildung <i>Time of continue flame mean value</i>	t_f [s]	0	0
Durchschnittlicher Masseverlust <i>Mass loss mean value</i>	Δm [%]	32,0	47,8

n ... Anzahl der Prüfungen (Mittelwert) / Number of tests (Mean value)

Bewertung: Das o.g. Produkt hat die Anforderungen zur Nichtbrennbarkeit gemäß IMO Res. MSC. 307(88) FTP Code 2010, Anlage 1, Teil 1 für den Einsatz als Schott-/Wand- und Deckenverkleidung im Schiffbau erfüllt.
Assessment: *The above mentioned product has fulfilled the non-combustibility requirements acc. to IMO Res. MSC. 307 (88) FTP Code 2010, Annex 1, Part 1 for application as bulkhead/wall and ceiling material for marine construction.*

Dresden, 15.10.2019



i.v.

Leiter des Prüflaboratoriums

R. P. ...

verantwortlicher Bearbeiter



Europäisch notifizierte Stelle
Kennnummer 0736
European notified body
Identification number 0736

EG-Baumusterprüfbescheinigung (Modul B) EC-Type Examination (Module B) Certificate

Zulassungs-Nr.
Certificate No.

114584-00

Hersteller (Antragsteller) Manufacturer (Applicant)	Patrick Leleu Furnier GmbH	
Adresse Address	Eichetstrasse 14 76456 Kuppenheim (Deutschland / Germany)	
Ausrüstung (Nummer & Bezeichnung) Equipment (Number & Item designation)	MED/3.13	Nicht brennbare Werkstoffe Non-combustible materials
Produkttyp Product Type	WoodSupport-GH	
Produkteinschränkung Product Restriction	n/a n/a	
Prüfgrundlage Specified Standard	IMO-Entschließung MSC.307(88)-(FTP-Code 2010), Anlage 1, Teil 1 IMO Resolution MSC.307 (88)-(FTP-Code 2010), Annex 1, Part 1	

Die auf den folgenden Seiten aufgeführten Bedingungen sind Bestandteil dieses Zertifikats.
Diese Baumusterprüfbescheinigung gilt, solange sie nicht entzogen oder widerrufen wird und die Gegenstände unverändert, einsatzfähig eingesetzt werden.
*The listed conditions on following pages are part of this certificate.
This certificate remains valid unless cancelled or revoked, provided the conditions on following pages are complied with and the equipment remains satisfactory in service.
On this certificate the German text shall prevail.*

Hiermit wird bestätigt, dass:

This is to certify that:

Die BG Verkehr - Dienststelle Schiffssicherheit die entsprechenden EG-Bauartzulassungsverfahren zur Bewertung angewendet hat und das genannte Baumuster den einschlägigen Brandschutz- Bestimmungen der Richtlinie 2014/90/EU (Schiffsausrüstung) in der jeweils geltenden Fassung, zuletzt geändert durch die Durchführungsverordnung (EU) 2019/1397, vorbehaltlich der im Zertifikat genannten Auflagen, entspricht.

BG Verkehr - Ship Safety Division did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the Fire protection requirements of Marine Equipment Directive (MED) 2014/90/EU, as amended by Commission Implementing Regulation (EU) 2019/1397 subject to any conditions in the schedule attached hereto.

Ausstellungsdatum
Date of issue
28.10.2019
Ablaufdatum
Expiry date
27.10.2024





Unterschrift (Niehus)
Signature

QS - CERTIFICATE OF ASSESSMENT - EC (MODULE D)

Certificate No:
MEDD00000KH
Revision No:
10

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

That the Quality System for the products

with type designation(s) as specified in the Appendix to this Certificate

Issued to

Patrick Leleu Furnier GmbH
Kuppenheim, Germany

is found to comply with the applicable requirements.

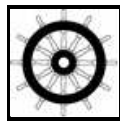
The quality system has been assessed with respect to the procedure of conformity assessment described in Annex II, Module D in the directive 2014/90/EU and regulation (EU) 2020/1170.

This Certificate is valid until **2024-10-24**.

Issued at **Hamburg** on **2021-05-18**

DNV local station:
Augsburg

Approval Engineer:
Timo Linn



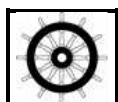
Notified Body
No.: **0098**



for **DNV SE**
Digitally Signed By: Mydlak-Röder, Christine
Location: DNV GL SE, Hamburg

Christine Mydlak-Roeder
Head of Notified Body

The manufacturer is allowed to affix the U.S. Coast Guard approval number(s) as stated in the appendix attached hereto and 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 27th, 2004, and amended by Decision No 1/2018 dated February 18th, 2019.



0098/yyyy

0098: Notified Body number undertaking quality surveillance
yyyy: The year in which the mark is affixed

The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.

This certificate authorizes the manufacturer in conjunction with the valid EC Type Examination (Module B) Certificate(s) of the equipment listed before to affix the Mark of Conformity (wheelmark) to the product described herein.

This certificate loses its validity if the manufacturer makes any changes to the approved quality system, which have not been notified to, and agreed with the notified body named on this certificate. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.

The Manufacturer has to apply for periodical audits to verify the maintenance and application of the quality system every 12 months.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



APPENDIX

Item no. MED/3.13 Non-combustible materials

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
WoodSupport-GH ¹	114584-00	2024-10-24	0736	164.109/EC0736 /114584-00 /EC0098
"BrakeStopFlam-MAT ¹	MEDB000029W	2022-04-02	0098	164.109/EC0098 /MEDB000029W
BrakeStopFlam NC-Contact ¹	MEDB000029Y	2022-04-02	0098	164.109/EC0098 /MEDB000029Y
BrakeStopFlam - Woodsupport ¹	MEDB00001GN Rev.1	2021-07-26	0098	164.109/EC0098 /MEDB00001GN Rev.1

Item no. MED/3.18a Surface materials and floor coverings with low flame-spread characteristics: decorative veneers

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
MarineStopFlam-Poplar Plywood ¹	118503-00	2026-04-29	0736	164.112/EC0736 /118503-00 /EC0098
MarineStopFlam - Flooring Oak; 15mm ¹	118484-00	2025-07-04	0736	164.112/EC0736 /118484-00 /EC0098
MarineStopFlam - Veneer ¹	118456-00	2024-05-13	0736	164.112/EC0736 /118456-00 /EC0098
MarineStopFlam lightweight plywood (4-30 mm) ¹	MEDB000034U	2023-01-09	0098	164.112/EC0098 /MEDB000034U

Item no. MED/3.18e Surface materials and floor coverings with low flame-spread characteristics: Adhesives

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
BrakeStopFlam - Harnstoff ¹	118458-00	2024-02-07	0736	N/A

Places of production

1. Patrick Leleu Furnier GmbH, Eichetstr. 14, Kuppenheim, Germany