

EC Certificate

Type Examination (Module B)



This is to certify that:

Germanischer Lloyd, a Notified Body under the terms of the Marine Equipment Directive 96/98/EC of 20 December 1996, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the requirements of Marine Equipment Directive (MED) 96/98/EC as amended, subject to any conditions in the schedule attached hereto.

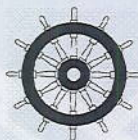
Certificate No.	12 529 - 10 HH		
Applicant	HSF Hansa Schiffsfarben GmbH Freegenweg 3 21037 Hamburg, GERMANY		
Manufacturer	Osnatol-Werk GmbH & Co. KG Bahnhofstr. 14 49191 Belm, GERMANY		
Product Description	Low flame spread surface material		
Product Name	HANSALUX (coating) [nominal coverage: 90 ml/m ² , dry thickness: 40 µm]		
Trade Name	HANSALUX (coating) [nominal coverage: 90 ml/m ² , dry thickness: 40 µm]		
Specified Standards	- IMO Res. A.653(16), - IMO Res. MSC.61(67), Annex 1, Part 5 and Annex 2, Item 2.2.		
Related Directive	2009/26/EC		
Equipment Section	Fire protection		
Annex A.1 Item No.	A.1/3.18b		
USCG-Module-B No.	164.112 / EC 0098	Unique Identifier	1252910
Date of Issue	2011-01-11		
Expiry Date	2016-01-10		


Germanischer Lloyd

Notified Body No.: 0098

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Nils Wegener



Certificate No: 12 529 - 10 HH Date of Issue: 2011-01-11

Schedule of Approval

Approval Documentation

Test report no.: SN03/3593.5 dated 2003-12-10 issued by Brandversuchshaus Hamburg, Germany

Technical Data

Application on board according manufacturer's instruction.

Remarks

None

Limitations on the acceptance or use of the product

None

Comment to USCG Approval

None

Notes:

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform Germanischer Lloyd, as the Notified Body, of any modifications or changes to the approved equipment.

Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

This product has been assigned a U.S. Coast Guard Module B number 164.112 / EC 0098 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 and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment", signed February 27th 2004.



The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body.