

EC-TYPE EXAMINATION (MODULE B) CERTIFICATE

This is to certify that:

DBI Certification 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) 96/98/EC as amended, subject to any conditions in the schedule attached hereto.

Applicant Address	UNIFRAX Ltd, Mill Lane Rainford St.Helens, GB-WA1 18L, MerseysideUnited Kingdom
Directive Reference	MED 96/98/EC, as amended by MED 2014/93/EU.
Annex A1 Item	A.1/3.13 Non-combustible materials
Product Type	Calcium magnesium silicate paper
Product Description	Calcium magnesium silicate paper designated Insulfrax Paper
Specified Standards	IMO Res. MSC.307(88)-(2010) FTP Code according to Chapter 8, paragraph 8.3. IMO Res. MSC.61(67)-(FTP Code) Annex 1 Part 1, and, and IMO MSC/Circ. 1120.

The attached (*schedule of approval*) forms part of this certificate.

This certificate remains valid unless cancelled or revoked, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

Date of re-issue 2015-11-16 Issued by DBI Certification Notified Body No. **2531**
Expiry date 2020-11-16

The certificate supersedes the certificate PC10259 version issued:2010-10-14 by NB no. 0845

This product has been assigned a USCG Approval Category No.:164.109/EC2531 to note type approval to module B only as pertains to obtaining US Coast Guard approval as allowed by the " Agreement between the European Community and the United States of America on Mutual Signed

Signed

Name



Allan Laursen

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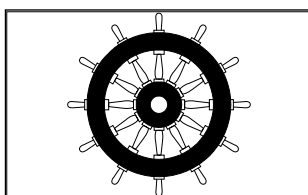


Dan Bluhme

Note:

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with the notified body named on this certificate.

Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be reapproved prior to it/they being placed on board vessels to which the amended regulations or standards apply.



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-control phase module (D, E or F) of Annex B of the Directive is fully complied with and controlled by a written inspection agreement with a notified body.

This certificate is issued under the authority of the Danish Maritime Authority.

(Annex)
Schedule of Approval

Place of Production

UNIFRAX Ltd, Mill Lane Rainford St. Helens, GB-WA1 18L, Merseyside, United Kingdom.

Product Description

Calcium magnesium silicate paper designated Insulfrax Paper, delivered in thickness from 1 mm to 6 mm.
Density 140 to 160 kg/m³

Product Classification

The calcium magnesium silicate paper designated Insulfrax Paper fulfils the criteria listed in IMO Res. MSC.61(67)-(FTP Code) Annex 1 Part 1 and IMO MSC/Circ. 1120 and is therefore considered to meet the requirement for non-combustible materials.

Application / Limitation of Product

Maximum thickness of the product is 6 mm
Maximum width of the rolls is 1260 mm.

Type Approval Documentation

Test report: Additional test report No. 194250 dated 2010-07-02 from Exova Warringtonfire
Tested according to ISO 1182-1990 (E).

Marking of Product

The product or packing is to be marked with name of manufacturer, type designation, technical rating and Mark of Conformity.

End of Certificate