

## EC-TYPE EXAMINATION (MODULE B) CERTIFICATE

This is to certify that:

DBI Certification did undertake the relevant type approval procedures for the type of equipment identified below which was found to be in compliance with requirements of Marine Equipment Directive (MED) 2014/90/EU, subject to any conditions in the schedule attached hereto.

<b>Manufacturer Address</b>	UNIFRAX Ltd, Mill Lane Rainford St.Helens, WA11 8LP, Merseyside. UK.
<b>Authorised Representative Address</b>	UNIFRAX France, 17 Rue Antoine Durafour, 42420 Lorette, France.
<b>Directive Reference</b>	MED Directive 2014/90/EU , Regulation as amended by MED (EU) 2020/1170.
<b>Regulation Item</b>	MED/3.13 Non-combustible materials.
<b>Product Type</b>	Calcium magnesium silicate paper.
<b>Product Description</b>	Calcium magnesium silicate paper designated Insulfrax Paper
<b>Specified Standards</b>	IMO Res.MSC.307(88)-(2010 FTP Code), as amended. And 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**This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with.**


Date of issue 2020-11-16 Issued by DBI Certification Notified Body No. **2531**  
Expiry date 2025-11-16

*The certificate supersedes the certificate version issued:2015-11-16 by NB no. 2531  
This certificate was first issued 2010-10-14 by NB no.0845.*


This equipment is covered by the scope of " Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment" signed February 18<sup>th</sup>, 2019" According to U.S. Coast Guard Approval Category No.:164.109. A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F) as allowed by the Mutual Recognition Agreement.

Signed

Name

  
Allan Laursen  
Responsible for evaluation

/

  
Thomas Wilson Jr.  
Responsible for certification decision

### Notes:

**This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of 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 period of validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on the market and 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.**

**In case limitations of use apply, these should be indicated in the Annex of this certificate.**

**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, WA11 8LP, Merseyside. UK.

### Product Description

Calcium magnesium silicate paper designated Insulfrax Paper, delivered in thickness from 1 mm to 6 mm. Density 140 to 160 kg/m<sup>3</sup>

### 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.

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 II of the Directive is fully complied with and controlled by a written inspection agreement with a notified body.

End of Certificate