

This is to certify that:

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

Manufacturer Address	Unilin BVBA, division Panels Ooigemstraat 3, bus 8, B-8710 Wielsbeke, Belgium
Directive Reference	MED Directive 2014/90/EU, Regulation (EU) 2018/773
Regulation Item	MED/3.18a
Product Type	Surface materials and floor coverings with low flame-spread characteristics (a) decorative veneers
Product Description	Medium density fibreboard with fire retardant, type designations see page 2
Specified Standard	IMO Res. MSC307 (88) – (2010 FTP Code)

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This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with.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: **2019-04-11**
Expiry date: **2024-04-11**

Issued by: **RISE Research Institutes of Sweden AB**
Notified Body no. 0402

Martin Tillander

Lennart Aronsson

Note 1: 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.

Note 2: Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply.

Note 3: "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."

Note 4: In case limitations of use apply, these should be indicated of in the Annex.

The Council Directive 2014/90/EC is implemented in Swedish Law by the national regulation TSFS:2016:81. RISE certification rules SPCR 308 issue 2017-11-16 has been applied

Schedule of approval

Product description

FIBRALUX FR (FIRAX), medium density fibreboard with fire retardant
Density 680-750 kg/m³, thickness 12-30 mm. Colour: red.

FIBRABEL FR (FIRAX L), medium density fibreboard with fire retardant
Density 640-680 kg/m³, thickness 15-25 mm. Colour: red.

Documentation:

Test report No. 102010.70/13.041A, dated 2013-12-03 from SINTEF NBL as. Tested according to IMO 2010 FTP Code Part 5 and Annex 2 item 2.2 and 2.3

Test report No. 102010.70/13.041Rev1, dated 2013-12-02 from SINTEF NBL as. Tested according to IMO 2010 FTP Code Part 5 and Annex 2 item 2.2 and 2.3

Place of production:

Unilin, division Panels, rue de la Forêt 2, B-6690 Vielsalm, Belgium

Application/Limitations:

Decorative veneers with low flame-spread characteristics, not generating excessive quantities of smoke nor toxic products in fire. Products can be applied to any non-combustible substrate. The MDF boards are tested without any paint, varnish or veneer. Application of paint, varnish or veneer to the MDF boards is not covered by this certificate. The product shall be supplied with manual for installation and maintenance.

Marking:

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.