

# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV GL AS under the authority of the Government of Norway.

## This is to certify:

**That the Surface materials and floor coverings with low flame-spread characteristics: floor coverings**

with type designation(s)  
**BrannX S**

Issued to  
**Fritzøe Engros AS**  
**LARVIK, Norway**

is found to comply with the requirements in the following Regulations/Standards:  
Regulation **(EU) 2017/306**,  
**item No. MED/3.18c. SOLAS 74, Reg. II-2/3, II-2/5, II-2/6 & X/3, IMO MSC/Circ. 1120, 2000 HSC Code 7 and IMO 2010 FTP Code**

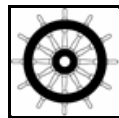
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2022-10-25**.

Issued at **Høvik** on **2017-10-26**

DNV GL local station:  
**Ålesund**

Approval Engineer:  
**Tessa Bieber**



Notified Body  
No.: **0575**

for **DNV GL AS**

**Vidar Dolonen**  
**Head of Notified Body**

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 "Agreement between the United States of America and the EEA EFTA states on the mutual recognition of Certificates of Conformity for Marine Equipment" signed 17 October 2005.

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

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL AS of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.

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.



Job Id: **344.1-003682-6**  
Certificate No: **MEDB00003BY**

### **Product description**

"BrannX S" made of wood plywood plate of spruce with thickness between 12 mm and 24 mm. The plates are impregnated with "Woodsafe DFP" impregnation agent.

Density is 6.6 kg/m<sup>2</sup> for 12 mm plate and 12.5 kg/m<sup>2</sup> for the 24 mm plate.

"BrannX S" is manufactured by Woodsafe Timber Protection AB, Sweden and by Fritzøe, Åndalsnes, Norway.

For further details see test report under Type Examination Documentation.

### **Application/Limitation**

Approved for use as low flame spread surface material, not generating excessive quantities of smoke nor toxic products in fire.

Approved for use as a floor covering on non-combustible substrate.

Any adhesive, other than the one used during testing, has to be tested for low flame spread characteristics according to IMO 2010 FTP Code Part 5 and to be approved according to the Marine Equipment Directive and bear the Mark of Conformity.

Several layers of floor coverings are acceptable provided that each layer is approved according to Marine Equipment Directive and bear the Mark of Conformity.

Each product is to be supplied with its manual for installation and maintenance.

### **Type Examination documentation**

Test Report PX26114 dated 2012-09-03 from SP Technical Research Institute of Sweden, Borås, Sweden (note that the product names in the test reports deviates from the product names in this certificate.)

### **Tests carried out**

Tested according to IMO FTP Code Part 5 and Annex 2 item 2.2, and in compliance with IMO 2010 FTP Code Ch. 8.

### **Marking of product**

The product or packing is to be marked with name and address of manufacturer, type designation, Mark of Conformity and USCG approval number if applicable (see first page).