

# 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)  
**System weber.tec 822 and System weber.xerm 847**

Issued to  
**SAINT-GOBAIN BYGGEVARER AS**  
**Oslo, Norway**

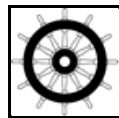
is found to comply with the requirements in the following Regulations/Standards:  
Regulation **(EU) 2019/1397**,  
**item No. MED/3.18c. SOLAS 74, Reg. II-2/3, II-2/5, II-2/6 & X/3, IMO MSC/Circ. 1120, 2000 HSC Code 7 and IMO 2010 FTP Code**

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

This Certificate is valid until **2025-01-19**.

Issued at **Høvik** on **2020-01-20**

DNV GL local station:  
**Norway Fleet in Service, East-South**



for **DNV GL AS**

Approval Engineer:  
**Tessa Bieber**

Notified Body  
No.: **0575**

**Roald Vårheim**  
**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, and amended by Decision No 1/2019 dated February 22nd, 2019.

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.



## Product description

"System weber.tec 822",

is a floor covering composed of 3 layers; primary layer of weber.tec 822 – one component water proof membrane with density of 1.6 kg/dm<sup>3</sup>, tile adhesive of weber.xerm 858 Blue Comfort – composed of cement based highly polymer-modified with density 1.4 kg/dm<sup>3</sup> and base coating consist of tiles and tile mortar weber.color 877 – composed of cement-based grout with density 1.4 kg/dm<sup>3</sup> or tile mortar weber.fug 881 – based on silicone rubber with a density of approximate 1.02 kg/dm<sup>3</sup>.  
Total thickness is approx. 10 mm.

"System weber.xerm 847",

is a floor covering composed of 2 layers; tile adhesive of weber.xerm 847 – two component epoxy resin with density of 1.2 kg/dm<sup>3</sup> and base coating consist of tiles and tile mortar weber.color 877 - composed of cement-based grout with density 1.4 kg/dm<sup>3</sup> or tile mortar weber.fug 881 – based on silicone rubber with a density of approximate 1.02 kg/dm<sup>3</sup>.  
Total thickness is approx. 10 mm.

## 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 floor coverings on a non-combustible substrate.

Any adhesive used, 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 the Marine Equipment Directive and bear the mark of Conformity.

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

## Type Examination documentation

Test reports Nos. SN05/4546.6 dated 17 February 2006, No SN06/4706.1 dated 29 March 2006 and SN06/4706.2 dated 29 March 2006 all reports from TÜV Nord Bauqualität GmbH & Co., KG, Hamburg, Germany.

Test report No. 20629006 dated 13.06.2012 from DMT GmbH o. KG, Dortmund, Germany.

## Tests carried out

Tested in accordance with IMO FTFC 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, MED Mark of Conformity and USCG approval number if applicable (see first page).