DNV·GL

Certificate No:
MEDB00000NF

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2014/93/EU, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by DNV GL AS under the authority of the Government of the Kingdom of Norway.

This is to certify:

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

with type designation(s)
HEMPADUR QUATTRO XO 17870 / HEMPATHANE HS 55610

Issued to
Hempel A/S
Kgs. Lyngby, Denmark

is found to comply with the requirements in the following Regulations/Standards:
Annex A.1, item No. A.1/3.18b and Annex B, Module B in the Directive. SOLAS 74, Reg. II-2/3, II-2/5, II-2/6, II-2/9 & 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 **2021-03-13**.

Issued at **Høvik** on **2016-03-14**

DNV GL local station:
Copenhagen

Approval Engineer:
Aleksandr Jegorov

Notified Body
No.: **0575**

for **DNV GL AS**

Vidar Dolonen
Head of Notified Body

© DNV GL 2014. DNV GL and the Horizon Graphic are trademarks of DNV GL AS.

Product description

HEMPADUR QUATTRO XO 17870 / HEMPATHANE HS 55610 – paint system consisting of 175 µm (dft) HEMPADUR QUATTRO XO 17870 and 100 µm (dft) HEMPATHANE HS 55610.

Maximum organic content:

- HEMPADUR QUATTRO XO 17870 - 48.87%
- HEMPATHANE HS 55610 – 74.7%

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 paint system on a metallic substrate with thickness of at least 2.25 mm.

Maximum gross calorific value shall be documented separately where applicable, ref. SOLAS Reg. II-2/ 5.3.2

Approved for all colour variations.

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

Type Examination documentation

Test reports no. PFB10188G dated 10 February 2016, no. PFB10188H dated 11 February 2016, both are from the Danish Institute of Fire and Security Technology (DBI), Denmark.

Tests carried out

Tested according to IMO 2010 FTP Code part 2 and part 5.

Marking of product

The product or packing is to be marked with name of manufacturer, type designation, the Mark of Conformity and USCG approval if applicable (see page 1).