

**EC-TYPE EXAMINATION
CERTIFICATE (MODULE B)**

Certificate No:
MEDB00002AE
Revision No:
1

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: paint systems

with type designation(s)
Colormed

Issued to
Veneta Nastri S.P.A.
San Fior, TV, Italy

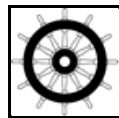
is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2019/1397,**
item No. MED/3.18b. SOLAS 74, Reg. II-2/3, II-2/5, II-2/6 & X/3, IMO MSC/Circ. 1120, 2000 HSC Code 7 and IMO 2010 FTP Code

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

This Certificate is valid until **2022-03-08.**

Issued at **Høvik** on **2019-12-12**

DNV GL local station:
Italy/Malta CMC



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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.



Job Id: **344.1-003158-4**
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Product description

"Colormed"

Zink coated steel plate 50 mm thick painted with a primer and top coat in the following combinations:

Combination	Primer Name	Primer Thickness [µm]	Primer Density [g/cm ³]	Top Coat Name	Top Coat Thickness [µm]	Top Coat Density [g/cm ³]	Gross Calorific Value [MJ/kg]
A1	BASF/AKZO CP44-xxxx	8-12	1.51	BASF/AKZO CD32-xxxx PE732-xxxx	18-22	1.95	23.8
A2	BASF/AKZO CP44-xxxx			BASF/AKZO CD33-xxxx PE733-xxxx	18-22	1.27	24.4
B1	André TH776X	8-12	1.60	BASF/AKZO CD32-xxxx PE732-xxxx			23.9
B2	André TH776X			BASF/AKZO CD33-xxxx PE733-xxxx			24.2

Total thickness: 35 µm

Application/Limitation

Approved for use as a low flame spread material, not generating excessive quantities of neither smoke nor toxic products in fire.

Approved for use as paint systems on a metallic substrate with thickness of at least 0.38 mm.

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

Type Examination documentation

Test reports No. 545.4IM0100/11, 546.4IM0100/11, 548.4IM0100/11 and 549.4IM0100/11, all dated 17 May 2011, from Laboratori Prevenzione Incendi S.p.A (LAPI), Prato, Italy.

Tests carried out

Tested according to IMO FTPC 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 if applicable (see first page).