

# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:  
**MEDB00002FE**  
Revision No:  
**6**

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 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)  
**Pietro Radici Floor Coverings**

issued to  
**Radici Pietro Industries & Brands S.p.A.**  
**Cazzano Sant'Andrea, BG, Italy**

is found to comply with the requirements in the following Regulations/Standards:  
Regulation (EU) 2023/1667,  
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

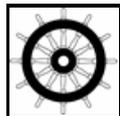
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2027-07-14**.

Issued at **Høvik** on **2024-01-03**

DNV local unit:  
**Italy/Malta CMC**

Approval Engineer:  
**Timo Linn**



Notified Body  
No.: **0575**



for **DNV AS**

Digitally Signed By:  
Kristin Grønnæss Hovden  
Location: DNV AS, Høvik,  
Norway  
on behalf of

**Mydlak-Röder, Christine**  
**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 1/2023 dated August 21st, 2023.



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 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.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



## Product description

“Pietro Radici Floor Coverings”  
 articles as listed in below table.

Article name	Composition	Weight g/m <sup>2</sup>	Thickness mm	Adhesive	Approved colour	Organic content
DPF 700	100% PET	700 ± 10%	6 ± 1	Not used	Dark grey	100%
ABETONE	Yarn pile: 100% wool Support: 24% Polypropylene, 51% Juta, 25% Polyester Finishing compound: Acrylic resin	2214 ± 15%	8.5 + 15% - 10%	Acquacol T (400 g/m <sup>2</sup> )	Dark green	100%
MONTECARLO	90% wool, 10% polyester	2200 ± 15%	9 + 15% - 10%	Acquacol T (400 g/m <sup>2</sup> )	Dark blue	100%
CREMA 7	Pile: 80% wool, 20% polyamide Support: polypropylene, polyester and latex	1500 ± 15%	4 + 15% - 10%	Acquacol T (400 g/m <sup>2</sup> )	Brown	100%
WINDSOR FB	Pile: 80% wool 20% polyamide Support: polypropylene, polyester and latex	2750 ± 15%	13 + 15% - 10%	Adesiver RE400/RF	Blue	100%
AXMINSTER LUXURY	Pile: 80% wool, 20% polyamide Support: polypropylene, cotton, polyester and latex	2850 ± 15%	11.3 + 15% - 10%	Acquacol T (400 g/m <sup>2</sup> )	Dark brown	100%
BLOOM FB	Pile: 100% polyamide Support: PES/PA, polyester, latex	2250± 15%	11 + 15% - 10%	Adesiver RE400/RF	Black	100%
AXMINSTER FB (glued version)	Pile: 80% wool, 20% polyamide Support: polypropylene, cotton, polyester and latex	2650± 15%	12.7 + 15% - 10%	Adesiver RE400/RF	Dark brown	100%
AXMINSTER FB	Pile: 80% wool, 20% polyamide Support: polypropylene, cotton, polyester and latex	2650± 15%	12.7+ 15% - 10%	Not used	Dark brown	100%
HI DÉCOR (Geotessile)	Primary backing: 100% Synthetic, Yarn pile: 100% Polyamide, Secondary backing-Needled Felt 100% Synthetics, Latex 100% Synthetic (SBR)	2100 - 2500 ± 15%	10.7 - 11.7 + 15% - 10%	Adesiver RE 400/RF	Black	100%
BLOOM BACK	Yarn pile: 100% Polyamide Support: Polyester/Polyamide Backing: Polyamide (needled felt) Finishing compound: Synthetic latex	2250 - 2450 ± 15%	11.0 – 11.3 + 15% - 10%	Adesiver RE 400/RF	Black	100%
BLOOM 1300	Yarn pile: 100% Polyamide Support: Polyester/Polyamide Backing: Polypropylene Finishing compound: Synthetic latex	2300 ± 15%	8.8 + 15% - 10%	Adesiver RE 400/RF	Black	100%

## 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 any metallic base or non-combustible base (DPF 700).

Approved for use as floor coverings on any low flame-spread floor covering, steel or non-combustible material (BLOOM FB, AXMINSTER FB - glued version, AXMINSTER FB, HI DÉCOR (Geotessile)).

Approved for use as floor coverings on non-combustible, non-metallic substrate with a greater thickness than 9 mm (ABETONE, MONTECARLO, CREMA 7, WINDSOR FB, AXMINSTER LUXURY, BLOOM BACK, BLOOM 1300).

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 application and maintenance.

### Type Examination documentation

Test report No. 0034\DC\TOX\16\_1 dated 13 May 2016 (DPF 700) from CSI, Bollate (MI), Italy,  
Test report No. 0355\DC\REA\16\_1 dated 09 May 2016 (DPF 700) from CSI, Bollate (MI), Italy,  
Test report No. 0355\DC\REA\16\_2 dated 09 May 2016 (DPF 700) from CSI, Bollate (MI), Italy,  
Test report No. 0035\DC\TOX\16 dated 13 May 2016 (Abetone) from CSI, Bollate (MI), Italy,  
Test report No. 0362\DC\REA\16\_1 dated 11 May 2016 (Abetone) from CSI, Bollate (MI), Italy,  
Test report No. 0362\DC\REA\16\_2 dated 11 May 2016 (Abetone) from CSI, Bollate (MI), Italy,  
Test report No. 0055\DC\TOX\16 dated 25 July 2016 (Montecarlo) from CSI, Bollate (MI), Italy,  
Test report No. 0599\DC\REA\16\_1 dated 25 July 2016 (Montecarlo) from CSI, Bollate (MI), Italy,  
Test report No. 0599\DC\REA\16\_2 dated 25 July 2016 (Montecarlo) from CSI, Bollate (MI), Italy,  
Test report No. 0762\DC\REA\18 dated 20 July 2018 (CREMA 7) from CSI, Bollate (MI), Italy,  
Test report No. 0762\DC\REA\18\_2 dated 20 July 2018 (CREMA 7) from CSI, Bollate (MI), Italy,  
Test report No. 0080\DC\TOX\18, dated 20 July 2018 (CREMA 7) from CSI, Bollate (MI), Italy,  
Test report No. 1192\DC\REA\19 dated 7 November 2019 (Windsor FB) from CSI, Bollate (MI), Italy,  
Test report No. 0121\DC\TOX\19 dated 7 November 2019 (Windsor FB) from CSI, Bollate (MI), Italy,  
Test report No. 1192\DC\REA\19\_2 dated 7 November 2019 (Windsor FB) from CSI, Bollate (MI), Italy,  
Test report No. 1072\DC\REA\19 dated 9 October 2019 (AXMINSTER LUXURY) from CSI, Bollate (MI), Italy,  
Test report No. 0106\DC\TOX\19 dated 9 October 2019 (AXMINSTER LUXURY) from CSI, Bollate (MI), Italy,  
Test report No. 1072\DC\REA\19\_2 dated 9 October 2019 (AXMINSTER LUXURY) from CSI, Bollate (MI), Italy,  
Test report No. 26/02798E/09/20 dated 26 November 2020 (BLOOM FB) from BTTG, Leeds, UK,  
Test report No. 26/02798D/09/20 dated 26 November 2020 (AXMINSTER FB, glued version) from BTTG, Leeds, UK,  
Test report No. 26/02798C/09/20 dated 26 November 2020 (AXMINSTER FB) from BTTG, Leeds, UK,  
Test report No. 26/02813/01/21 dated 8 February 2021 (HI DÉCOR (Geotessile)) from BTTG, Leeds, UK,  
Test report No. 26/02848/04/21 dated 4 June 2021 (HI DÉCOR (Geotessile)) from BTTG, Leeds, UK,  
Test report No. 0910\DC\REA\23\_2 dated 5 July 2023 (BLOOM BACK) from CSI, Senago (MI), Italy,  
Test report No. 0910\DC\REA\23\_3 dated 5 July 2023 (BLOOM BACK) from CSI, Senago (MI), Italy,  
Test report No. 0083\DC\TOX\23\_2 dated 5 July 2023 (BLOOM BACK) from CSI, Senago (MI), Italy,  
Test report No. 0083\DC\TOX\23\_3 dated 5 July 2023 (BLOOM BACK) from CSI, Senago (MI), Italy,  
Test report No. 0910\DC\REA\23 dated 5 July 2023 (BLOOM 1300) from CSI, Senago (MI), Italy,  
Test report No. 0083\DC\TOX\23 dated 5 July 2023 (BLOOM 1300) from CSI, Senago (MI), Italy.

### Tests carried out

Tested in accordance with IMO 2010 FTP Code Parts 5 and 2.

### Marking of product

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