ISTITUTO GIORDANO
BEYOND CERTIFICATION

MED CERTIFICATE

EC NOTIFIED BODY No. 0407

EC TYPE-EXAMINATION CERTIFICATE
MODULE B

0407-MED-172 (IG-009-2016)

USCG n.164.112/EC0407

This is to certify that the product

RAF-A MULTICOLOR NAV

Reg. (EU) 2020/1170 Item

MED/3.18(b) - Surface materials and floor coverings with low flame-spread characteristics - (b) paint systems

Applicant

RENNER ITALIA S.p.A.

Via Ronchi Inferiore, 34 - 40061 MINERBIO (BO) - Italy

it has been submitted to tests identified in the annex to this certificate
in compliance with the module B scheme of directive 2014/90/EU

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to and agreed with Istituto Giordano

Bellaria-Igea Marina - Italy, 12 February 2021

Date of first issue: 25 January 2016

Revision No. 1

Valid until: 24 January 2026

MED Department Technical Manager
(Dott. Ing. Giuseppe Persano Adorno)

Chief Executive Officer
(Dott. Arch. Sara Lorenza Giordano)

Firmato digitalmente da SARA LORENZA GIORDANO

This certificate is made up of 2 pages and remains valid until expiry unless cancelled or revoked, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.
Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be reapproved prior to it/they being placed on board vessels to which the amended regulations or standards apply.
This certificate and the documents should be stored for ten years after the last product has been manufactured.
The validity of this certificate is subject to compliance with Istituto Giordano "REG-MED" rules, the Istituto Giordano general conditions of contract for certification and the relevant requirements of Marine Equipment Directive.
The original of this document consists of an electronic document digitally signed pursuant to the applicable Italian Legislation.

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Cap. Soc. € 1.500.000 i.v. - R.E.A. c/o C.C.I.A.A. (RN): 156766 - Registro Imprese Romagna (Forlì-Cesena e Rimini) e CF/P. IVA: n. 00 549 540 409

Specified standard	IMO Res.MSC.307(88)-(2010 FTP Code), as amended.
Regulation SOLAS 74 as amended	SOLAS 74 Reg. II-2/3, SOLAS 74 Reg. II-2/5, SOLAS 74 Reg. II-2/6, SOLAS 74 Reg. X/3.
Approval documentation	Test report Istituto Giordano No. 328890 dated 30 October 2015. Test report Istituto Giordano No. 329858 dated 14 December 2015. Technical file No. 329858 rev. 0 dated 14 December 2015.
Restrictions	//
Product description	Composition tricomponent. Topcoat transparent: YOXX50 code, based on acrylic resins in water dispersion 100 % or Topcoat white: YOXX60 code, based on acrylic resins in water dispersion 100 %. Pigment pastes water-based: code EY --- M460 / XXX or EY --- M690 / XXX - 10 %. Catalyst: code YC5000, resin based isocyanic emulsifiable in water 10 %. Weight: 150 g/m².
Manufacturer	RENNER ITALIA S.p.A. Via Ronchi Inferiore, 34 - 40061 Minerbio (BO) - Italy.

Revision legend		
No.	**Date**	**Scope**
0	25 January 2016	First issue
1	12 February 2021	Renewal

Notes: On the basis of the value of total heat release (Qt) and on the basis of the value of the peak heat release (Qp) the material is deemed not generating excessive quantities of smoke nor toxic products in fire according to annex 2 IMO RES MSC.307(88). Tested on metallic substrate and non-metallic incombustible substrate.

The mark of conformity ("wheelmark") may only be affixed to the above type approved equipment and a manufacturer's declaration of conformity issued when the production-control phase module (D, E, or F) of annex B of the Directive is fully complied with and controlled by a written inspection agreement with a Notified Body.