



EC TYPE EXAMINATION (MODULE B)

CERTIFICATE No. MED191621CS/004

This is to certify that RINA Services S.p.A. (Notified Body No. 0474) did undertake the relevant type approval procedures for the equipment identified below, which was found to be in compliance with the Fire Protection requirements of Marine Equipment Directive (MED) 2014/90/EU, including the requirements and testing standards of Regulation (EU) 2021/1158.

<i>MED Item N°</i>	MED/3.26a
<i>USCG Category N°</i>	164.138
<i>Description</i>	Penetrations through "A" Class divisions: (a) electric cable transits
<i>Type</i>	WallMax Multiple Cable Penetration Transits - WRS and WR series
<i>Applicant</i>	WALLMAX SRL CORSO DI PORTA NUOVA 22 20121 MILANO ITALY
<i>Testing standards</i>	IMO Res. MSC.307(88)-(2010 FTP Code)
<i>Reference standards</i>	Chap. II-2 of SOLAS 74 Convention, as amended, RINA Rules for the certification of Marine Equipment

Issued in Genoa on
October 25, 2021

This Certificate is valid until
May 9, 2026

This Certificate consists of this sheet plus an attachment

Enrico Cabella
RINA Services S.p.A.

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**ATTACHMENT TO
CERTIFICATE No. MED191621CS/004**

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Manufacturer

WALLMAX INDIA ENTERPRISES PVT.LTD.

Place of Manufacturer

12/6 GOLDEN PEACOCK COMPLEX MAIN MATHURA ROAD
121003 FARIDABAD
INDIA

Product description

Transits of electric cables having maximum diameter of 45 mm installed in A-Class steel bulkheads and decks. These transits are composed of EPDM cylindrical body modules, stainless steel discs on the extremities and screws for the expander mechanism, fitted inside a circular steel coaming welded in the middle, on both sides, to the deck or bulkhead plate. The interstices between the cables and the modules and between the modules are lubricated by means of product named WallMax Lubricant. The transits are insulated, on both sides, with three layers of mineral wool type SeaRox SL 620, having density of 100 kg/m^3 and thickness of 30 mm (first layer fitted around the transit) and 60 mm each (the other two layers); the mineral wool panels, having dimensions ranging from 240x240 mm up to 420x420 mm, are fixed to the bulkhead or deck plate by means of steel pins and washers welded with pitch ranging from 150 up to 200 mm.



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Field of application

Fire resistant A-60 Class cable transits through steel bulkheads and decks as per following tables:

DECKS

Transit type	diameter (mm)	Minimum fill %	Maximum fill %	Cables - Maximum diameter (mm)
WR 25	25	10%	16%	10
WR 75	75	16%	36%	45
WRS 75	75	1.7%	7.1%	20
WRS 200	200	0.25%	6.5%	40

BULKHEADS

Transit type	diameter (mm)	Minimum fill %	Maximum fill %	Cables - Maximum diameter (mm)
WR 25	25	10%	16%	10
WR 75	75	16%	36%	45
WRS 75	75	1.7%	7.1%	20
WRS 200	200	0.25%	6.5%	39

Reference documents

WallMax drawing No. WDVpc16A60SBHA01 Rev. 1 and No. WDVpc16A60SDA01 Rev. 1 dated 16 December 2016 approved on 19 January 2017 respectively with endorsement Nos. LABS-1396 and LABS-1397.

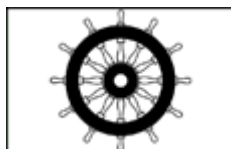
Tests carried out

Tests as per RINA Test Laboratory Reports No. 2016CS01481/5 and No. 2016CS01481/6 issued on 19 January 2017 according to Appendix 1 of IMO 2010 FTPC Part 3 - A.IV Cable Transits and RINA Assessment No. 01/2021 dated 25 October 2021.

This certificate annuls and replaces the certificate No. MED191621CS/001 dated 05/10/2021 due to reissuance for data changing.

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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 control phase module (D, E or F) of Annex II of the Directive is fully complied with a written inspection agreement with a Notified Body



XXXX/YYYY

"WHEELMARK FORMAT"

XXXX Notified Body number undertaking surveillance module

YY Last two digits of year mark affixed

USCG Approval marking

This equipment is covered by the scope of the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment signed February 27th, 2004 and amended by Decision No. 1/2018 dated February 18th, 2019 according to U.S. Coast Guard approval category **164.138**.

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 MED.

General conditions for the approval

- a) The initial conditions verified by RINA at the time of the approval are to be maintained
- b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessment
- c) This certificate will no be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with RINA
- d) RINA personnel are to be allowed to witness during the performances of activities, upon their request
- e) The activities are to be carried out in compliance with the RINA Rules and/or other applicable Rules
- f) Should the specified regulations or standards be amended during the validity of this certificate, the product is to be reapproved prior to it being placed on board vessels to which the amended regulations or standards apply.



Enrico Cabella

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