

**MRA Mutual Recognition Agreement on Marine Equipment EC-US**

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

**Application Of:**

Council Directive 96/98/EC of 20 December 1996 On Marine Equipment ( MED ) as modified by Commission Directives 98/85/EC, 2001/53/EC and **as amended by Commission Directive 2002/75/EC and 2009/26/EC last amendment by DIRECTIVE 2011/75/UE of 02<sup>nd</sup> September 2011**

**Certificate N° 0987/MED-B/476**

This Certificate consists of 2 pages

This is to certify that the product

**STEEL ORGANIC COATED – ACCESS STANDARD**

MED annex A.1 item: A.1/3.18 (b)

Product type:

**SURFACE MATERIALS AND FLOOR COVERINGS WITH LOW FLAME-SPREAD CHARACTERISTICS: PAINTING SYSTEMS**

Supplied / Manufactured by:

**ARCELORMITTAL AMDS ITALIA - MARCON**  
Via Delle Industrie, 71 - 30020 MARCON (VE) - Italy

Complies with the requirements in the following Regulations/Standards:

**Annex B, Module B in the above Directive and as applicable:**

- SOLAS 74 as amended Reg II-2/3/5/6/9 and X/3
- IMO Res MSC 36(63) – (1994 HSC Code) 7; IMO Res MSC 97 (73) – (2000 HSC Code) 7
- IMO Res A.653 (16), IMO Res MSC. 61(67), Annex 1 parts 2 - 5 and ISO 1716 and where applicable Annex 2.2.2 for material not generating excessive quantities of smoke and toxic products in fire
- FTP Code MSC 61 ( 67 ) Annex 1 , IMO MSC/Circ 916 as Integrated by IMO MSC/Circ 1008 and where applicable IMO MSC/Circ 1004; IMO MSC/Circ 1120

**This product has been assigned a U.S. Coast Guard Module B number N° 164.112/EC0987/MED476 to note type approval to Module B only as it pertains to obtaining US Coast Guard approval as allowed by the "Agreement between the European Community for Marine Equipment" signed February 27<sup>th</sup>, 2004.**

Further details of the product and conditions for certification are given overleaf



The Manufacturer is allowed to affix the Mark of conformity according to the Article 11 in the Council Directive 96/98/EC on Marine Equipment and issue a Declaration of Conformity, only when the Module D or E or F of Annex B in the same Directive is fully complied with.

Prato, 28/02/2013

**The Technical Director**

**The Certification Manager**

PROPOSED

APPROVED

Dr. Luca Errani

Dr. Massimo Borsini

This certificate is valid until 27/02/2018

This Certificate is issued under the Authority of Ministero delle Infrastrutture e dei Trasporti Comando Generale del Corpo delle Capitanerie di Porto according to Decreto Ministeriale 26 October 2004 N° 825 and Decreto Ministeriale 1 February 2008 N° 98/2008.

**Product description:**

Appearance: metallic plate (non-combustible support) painted on only one side with pink colour.

**Painting cycle:**

<b>Denomination of the material</b>	STEEL ORGANIC COATED – ACCESS STANDARD	
<b>Description of the material</b>	Pre-painted steel on galvanized base	
<b>Overall thickness of the cycle (Declared)</b>	25 µm (Nominali / Nominal)	
<b>Overall thickness of the cycle (verified)</b>	25,6 µm (UNI EN ISO 2808 Metodo / Method 5) The thickness of the cycle can have a tolerance of ± 10%.	
<b>Overall weight of the cycle (dry)</b>	///	
<b>Component</b>	<b>Composition</b>	<b>Residue percentage</b>
<b>A) Painting cycle</b>		
Finishing	Organic ACCESS STANDARD by ARCELORMITTAL Thickness (nominal value): 20 µm (On a side)	///
PRIMER	PRIMER IN TOP COATING by ARCELORMITTAL Thickness (nominal value): 5 µm	///
<b>B) Non-combustible support</b>		
SUPPORT	Galvanized base with Z100 Thickness (nominal value): 7 µm (each a side)	100 g/m <sup>2</sup> (50 g/m <sup>2</sup> each side)

**Note:** a tolerance of ± 10% on the total final thickness of the cycle is considered acceptable due to the kind of workmanship.

Side exposed: painted surface.

Sampling by the Sponsor from the production batch n° FG2K104002 - FG2K104003 - FG2LSD7011 - FG31INS010 c/o the factory of ARCELORMITTAL - located in Via Delle Industrie, 71 - 30020 MARCON (VE), on date 10/01/2013.

**Applications / Limitations of use**

- The material fulfils the requirements of **FTP Code MSC 61(67) Annex 1, Part 2 and 5 and Annex 2.2.2** for material not generating excessive quantities of smoke and toxic products in fire. Calorific value to be less than 45 MJ/m<sup>2</sup> when required.

The compliance is valid for:

- For the colour of the painting cycle tested.
- A total thickness of the finished paint layer not exceeding the range of 25.6 µm ± 10% as determined by UNI EN ISO 2808 Method 5 on the specimens submitted for testing.
- All metallic substrates with thickness not less than 0.45 mm.

This provided that no variation is effected on any of the components listed above (i.e. all the data reported under point A) and B) above remain the same).

**Type approval documentation**

Product	Test Report	Issued by
<b>STEEL ORGANIC COATED – ACCESS STANDARD</b>	<ul style="list-style-type: none"> <li>213.4IM0090/13 - Measure of gross calorific value in accordance to FTP Code MSC 61 (67) Annex 1 part 5 ISO 1716</li> <li>213.4IM0100/13 - Surface flammability test in accordance to FTP Code MSC 61 (67) Annex 1 part 5 Imo Res A. 653 (16), and IMO MSC/Circ 1004</li> </ul>	LAPI Laboratorio Prevenzione Incendi SpA - Italy - Notified Testing Body N° 0987 EN 17025 Accredited Laboratory IMO Testing Laboratory FP.1 / Circ. 41

=====End of Document=====

