

Certificate Of Fire Approval

This is to certify that the product detailed below will be accepted for compliance with the applicable Lloyd's Register Rules and Regulations and with the International Convention for the Safety of Life at Sea, (SOLAS), 1974, as amended, for use on ships and offshore installations classed with Lloyd's Register, and for use on ships and offshore installations when authorised by contracting governments to issue the relevant certificates, licences, permits etc.

Manufacturer	The Amtico Company Ltd
Address	Kingfield Road, Coventry, CV6 5AA, United Kingdom
Type	Material Having Low Flame Spread Characteristics & Not Capable Of Producing Excessive Quantities Of Smoke & Toxic Products Of Combustion
Description	Floor Covering Material – Type: "Amtico Marine (08-18)" (2mm thick and 2.85kg/m ² mass per unit area), PVC based multi-layer heterogeneous floor covering tile
Trade Name	"Amtico Marine (08-18)"
Specified Standard	IMORes. MSC.307(88) – (2010 FTP Code) Annex 1 Part 2 and Part 5

This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document and its supplementary Type Approval Terms and Conditions form part of this Certificate.

This certificate remains valid unless cancelled or revoked, provided the conditions in the attached Design Appraisal Document are complied with and the equipment remains satisfactory in service.



Saji Abraham

Surveyor to Lloyd's Register EMEA
A member of the Lloyd's Register group

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DESIGN APPRAISAL DOCUMENT

ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS F180326-04

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions, and this Design Appraisal Document forms part of the Certificate.

This Design Appraisal Document forms part of the Certificate.

This Certificate is an Amendment of Certificate No SASF180326-03

EXAMINED DOCUMENTATION

Interscience Fire Laboratory, Haslar Road, Gosport, Hampshire, PO12 2AG, WA1 2DS, United Kingdom (UK), Fire Test Reports No. ICL/H18/9406 Rev 1 and No. ICL/H18/9694 Rev 1 both dated 30th August 2018, No. ICL/H19/10513 Rev 1 and No. ICL/H19/10514 Rev 1 both dated 5th March 2019, No. ICL/H19/11020 dated 25th June 2019 and No. ICL/H19/11418 dated 2nd September 2019.

Interscience Fire Laboratory, Haslar Road, Gosport, Hampshire, PO12 2AG, WA1 2DS, United Kingdom (UK), Fire Test Reports No. ICL/H19/11855 and No. ICL/H19/11857 both dated 27th January 2020 and No. ICL/H20/12166 Rev 1 and No. ICL/H20/12165 Rev 1 both dated 18th September 2020.

Interscience Fire Laboratory, Haslar Road, Gosport, Hampshire, PO12 2AG, WA1 2DS, United Kingdom (UK), Fire Test Reports No. ICL/H20/13039 and ICL/H20/13060 both dated 23rd November 2020.

CONDITIONS OF CERTIFICATION

1. When applied to a non-combustible substrate
2. PVC based floor covering 'Amtico Marine (08-18)' consisting of: urethane acrylate surface coating applied at rate 12g/m², followed by one layer of 'Clear Wear Layer (1)' plasticised PVC film, thickness 150µm, manufactured by The Amtico Co Ltd, followed by one layer of 'Clear Wear Layer (2)' plasticised PVC film, thickness 370µm, manufactured by The Amtico Co Ltd, followed by one layer of print design film 'SW2550' thickness 75µm, followed by one layer of filled core 'Marine Core' filled plasticised PVC thickness 760µm, manufactured by The Amtico Co Ltd., followed by one layer of filled backing 'Marine Blueback' filled plasticised PVC thickness 500µm, manufactured by The Amtico Co Ltd
3. Alternative additive permitted as tested in Fire Test Reports No. ICL/H20/13039 and ICL/H20/13060. Limited to maximum as tested formula change
4. Bonded to non-combustible substrate with adhesive 'Amtico SF' at rate up to 3 m²/kg or adhesive 'Amtico HTE' at rate up to 2 m²/kg
5. Total thickness of flooring after manufacturing process complete: 2.0mm, weight 2.85kg/m²
6. Floor covering 'Amtico Marine (08-18)' described in 2 above may be applied on a metallic substrate bonded with adhesive 'Apollo A5196' at rate up to 2m²/kg or adhesive 'Mapei MS 4LVT' at rate up to 2m²/kg
7. Composition and application of individual components including any fire retardants, heat stabilisers and adhesives to be maintained in production in accordance with originally tested composition formula

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8. Production items are to be manufactured in accordance with a quality control system which shall be maintained to ensure that items are of the same standard as the approved prototype
9. The certificate holder is solely responsible for the products supplied under this Certificate and to ensure that their products, whether manufactured by themselves or their licensee manufacturers, if agreed by Lloyd's Register, are fully compliant with the relevant statutory regulations and Lloyd's Register Class rules as applicable and designed, manufactured and installed to the same quality and specifications as the prototype tested, including components that are designed and manufactured by third parties

NOTE

Fire retardant coating applied on Filled Core Layer and Backing Layer.

PLACE OF PRODUCTION

The Amtico Company Ltd
Kingfield Road,
Coventry, CV6 5AA
United Kingdom



Saji Abraham
Senior Specialist
Fire & Safety, Statutory Discipline Team
UK&I Technical Support Office, Marine & Offshore
Lloyd's Register EMEA

Supplementary Type Approval Terms and Conditions

This certificate and Design Appraisal Document relates to type approval, it certifies that the prototype(s) of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein, it does not mean or imply approval for any other use, nor approval of any products designed or manufactured otherwise than in strict conformity with the said prototype(s).