

UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND CERTIFICATE OF TYPE APPROVAL

(EC Certificate of Type Examination-2014/90/EU Directive Module B)

Certificate Number: 164.112/1121/WCL MED0021TE

Applicant:- International Paint Ltd Manufacturer:- International Paint LLC
Address:- Stoneygate Lane, Felling, Gateshead, NE10 0JY Address:- 6001 Antoine Drive (77091), P.O. Box 4806, Houston, Texas, USA

This is to certify that the applicant has submitted details of a two coat paint system (item number MED/3.18b) with low flame-spread characteristics known and designated as:-

Intertuf 262 / Interlac 665

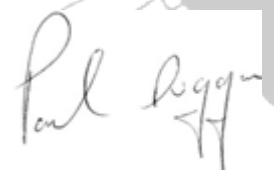
having the technical specification given in the schedule of equipment on this certificate which has been tested and complies with the recommended criteria given in the following methods, published by the International Maritime Organization, and which are contained in the relevant parts of the International Code for Application of Fire Test Procedures (FTP Code) namely:-

IMO Resolution MSC 307(88) Annex 1 Part 2, and Annex 2.

IMO Resolution MSC 307(88) Annex 1 Part 5, and Annex 2.

This certificate is issued on behalf of the Maritime and Coastguard Agency (MCA). The system complies with the relevant international testing standards under which legislation ((The Merchant Shipping Marine Equipment) Regulations 2016 and also the Marine Equipment Directive 2014/90 EU as amended) the certificate is issued.

The manufacturer is allowed to affix the U.S. Coast Guard approval number 164.112/1121/WCL MED0021TE as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment" signed October 17th, 2005.

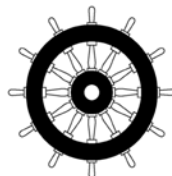


P Duggan
Manager
WarringtonFire
Holmesfield Road
Warrington WA1 2DS

Date of Issue: 26th February 2018

This certificate is valid until: 25th February 2023

This certificate is not valid for equipment, the design or manufacture of which, has been varied or modified from the specimens tested.



Certificate of Type Approval Schedule of Equipment

The applicant declared that the following comprises an accurate description of the system type to which this certificate applies.

The product was a two coat paint system consisting of:

General description		A two coat coating system applied to a steel substrate
Product reference		"Intertuf 262 / Interlac 665"
Name of manufacturer		Akzo Nobel (International Paint)
Final coating product (test face)	Generic type	Gloss alkyd finish
	Product reference	"Interlac 665"
	Name of manufacturer	International Paint
	Colour reference	"White"
	Number of coats	One
	Application thickness per coat	70 µm
	Specific gravity	See Note 1 below
	Application method	Airless spray
	Flame retardant details	See Note 2 below
	Curing process per coat	Ambient 23°C
First coating product	Generic type	Epoxy anticorrosive
	Product reference	"Intertuf 262"
	Name of manufacturer	International Paint
	Colour reference	"Haze Grey"
	Number of coats	One
	Application thickness per coat	122 µm
	Specific gravity	1.24
	Application method	Airless spray
	Flame retardant details	See Note 2 below
	Curing process per coat	Ambient 23°C
Substrate	Generic type	Steel
	Product reference	"Mild Steel"
	Thickness	3.125mm
	Flame retardant details	The component is inherently flame retardant

Note 1. The sponsor was unwilling to provide this information.

Note 2. The sponsor has confirmed that no flame retardant additives were utilized in the production of the product.

The under noted documents have been approved for compliance with the relevant requirements of International Conventions and European Union Legislation for the EC Type examination of Marine Equipment for use on Ships Registered in the European Economic Area.

Application/Limitations

Approved for use as a paint system for application on all thicknesses 2.3mm or higher of duly prepared steel substrates.

Each product is to be supplied with its technical and safety documentation.

Approved Documents

Test Reports

- (1) Exova Warringtonfire report No. WF391455. Surface Flammability test to IMO MSC 307(88) Annex 1: Part 5.
- (2) The Total Heat Release (Q_t) is not more than 0.2MJ and the Peak Heat Release Rate (Q_p) is not more than 1.0kW. Therefore, in accordance with Paragraph 2.2 of Annex 2 to IMO Resolution MSC 307(88) (2010 FTP Code), it is considered that the specimens covered by this report comply with the requirements of Part 2 of Annex 1 'Smoke and Toxicity Test' to IMO Resolution MSC 307(88) (2010 FTP Code), without further testing.

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