



## 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.

<b>Manufacturer</b>	International Paint Ltd
<b>Address</b>	Stoneygate Lane Felling Gateshead Tyne & Wear, NE10 0JY United Kingdom (UK)
<b>Type</b>	<b>MATERIAL HAVING LOW FLAME SPREAD CHARACTERISTICS &amp; NOT CAPABLE OF PRODUCING EXCESSIVE QUANTITIES OF SMOKE &amp; TOXIC PRODUCTS OF COMBUSTION</b>
<b>Description</b>	Fire Resisting Material - Type: "Interior Primer 860 - Interior Finish 750 (RAL9010 YE657/11-15)" or "Interior Primer 860 - Interior Finish 750 (YE657/6-10)" Paint System
<b>Specified Standard</b>	IMO Res. MSC.61(67) - (FTP Code) Annex 1, Part 5 and Annex 2

The attached Design Appraisal Document forms 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.

Date of issue	20 February 2013	Expiry date	10 February 2018
Certificate No.	SAS F130027/M1	Signed	
Sheet No	1 of 2	Name	M. Farrier Surveyor to Lloyd's Register EMEA A Member of the Lloyd's Register Group

**Note:**

**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 of any modification or changes to the equipment in order to obtain a valid Certificate.**

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

**DESIGN APPRAISAL DOCUMENT**

Date 20 February 2013	Quote this reference on all future communications LDSO/SFS/TA/MF
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**ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS F130027/M1**

This Design Appraisal Document forms part of the Certificate.

**APPROVAL DOCUMENTATION**

Bodycote Warrington Global Safety, Holmesfield Road, Warrington, Cheshire WA1 2DS, UK, Fire Test Reports No. 168939 and 168940 both dated 5<sup>th</sup> December 2007.

**CONDITIONS OF CERTIFICATION**

1. When applied to a metallic substrate.
2. Consisting of: one coat of 'Interior Primer 860' epoxy primer, specific gravity 1.586, airless spray applied at a rate of 5.71m<sup>2</sup>/litre and dry film thickness 40µm, followed by one coat of 'Interior Finish 750 RAL9010 (YE657/11-15)' acrylic / polyurethane, specific gravity 1.63, airless spray applied at a rate of 10.0m<sup>2</sup>/litre and dry film thickness 125µm, or one coat of 'Interior Finish 750 (YE657/6-10)' acrylic / polyurethane, specific gravity 1.63, airless spray applied at a rate of 10.0m<sup>2</sup>/litre and dry film thickness 125µm. Total dry film thickness of paint system 165µm.
3. Composition of individual coating to be maintained in production in accordance with originally tested composition formula.
4. Smoke and toxicity criteria is satisfied by meeting the total heat release (Q<sub>t</sub>) and peak heat release rate (q<sub>p</sub>) as stated in IMO Fire Test Procedures Code, Annex 2, Section 2.2.
5. 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.

**PLACE OF PRODUCTION**

AkzoNobel Decorative Coatings BV  
Zevenakkersweg 4  
8191 AA Wapenveld  
The Netherlands

International Paint Limited  
Stoneygate Lane  
Felling  
Gateshead  
Tyne & Wear, NE10 0JY  
United Kingdom



Martin Farrier  
Lead Specialist  
Statutory Fire & Safety  
London Design Support Office  
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).*