

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

(EC Certificate of Type Examination-96/98/EC Directive Module B)

**Certificate Number: 164.112/1121/EWC MED0478TE**

Applicant:- **Pyrotek Pty. Ltd**

Manufacturer:- Pyrotek Pty. Ltd

Address:- **147-149 Magowar Road, Girraween,  
NSW 2145, Australia**

147-149 Magowar Road, Girraween,  
NSW 2145, Australia

This is to certify that the applicant has submitted details of a Surface Material with Low flame-spread and low smoke and toxic fume characteristics (Item Number A.1/3.18 (b): Paint Systems and Item Number A.1/3.18 (e): Adhesives) for use on bulkheads and decks, known and designated as:-

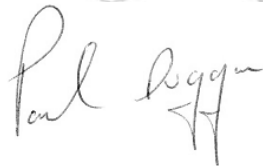
**"Decidamp®SP150"**

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 Organisation, 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 5.
- IMO Resolution MSC 307(88) Annex 1 Part 2 and Annex 2. Smoke and Toxicity is satisfied by meeting the total heat release ( $Q_t$ ) and peak heat release ( $Q_p$ ) as stated in IMO Fire Test Procedures Code, Annex 2 Section 2.2.

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 1999 and also the Marine Equipment Directive 2014/90/EU as amended, the certificate is issued.

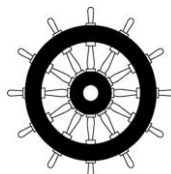
This product has been assigned a U.S. Coast Guard Module B number 164.112/EC1121/EWC MED0478 to note type approval to Module B only as it pertains to obtaining US Coast Guard approval as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment" signed February 27<sup>th</sup>, 2004.



P Duggan  
Manager  
Warrington Certification  
Holmesfield Road  
Warrington WA1 2DS

Date of Original Issue 19<sup>th</sup> May 2016  
Date of amendment to certificate: 7<sup>th</sup> November 2016  
This certificate is valid until 18<sup>th</sup> May 2021

**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.

General description		Water based damping compound
Name of manufacturer		Pyrotek
Overall thickness		4mm to 10mm when applied on aluminium: (Paint system - A.1/3.18 (b)) 2mm to 6mm when tested as an adhesive: (Adhesive - A.1/3.18 (e))
Overall weight per unit area		Dependent on application thickness
Coating product (Test face)	General description	Water based damping compound
	Product reference	"Decidamp <sup>®</sup> SP150"
	Name of manufacturer	Pyrotek
	Colour reference	"Grey"
	Application thickness per coat	4mm to 10mm when applied on aluminium: (Paint system - A.1/3.18 (b)) 2mm to 6mm when tested as an adhesive: (Adhesive - A.1/3.18 (e))
	Density / specific gravity	1.6g/cm <sup>3</sup> - 1.8kg/m <sup>3</sup>
	Application method	Spray
	Trade name of flame retardant	See Note 1 below
	Generic type of flame retardant	See Note 1 below
	Amount of flame retardant	See Note 2 below
	Curing process per coat	See Note 2 below
Substrate	Generic type	Aluminium sheet or calcium silicate
	Product reference	"Aluminium sheet" / standard calcium silicate
	Name of manufacturer	See Note 2 below
	Thickness	4mm to 10mm aluminium (Paint system - A.1/3.18 (b)) / 25mm standard calcium silicate (Adhesive - A.1/3.18 (e))
	Density / weight per unit area	See Note 1 below
Flame retardant details		The substrates are inherently flame retardant
Brief description of manufacturing process		See Note 2 below

Note 1. The sponsor of the test has provided this information but at the specific request of the sponsor, these details have been omitted from the report and are instead held on the confidential file relating to this investigation.

Note 2. The sponsor was unwilling to provide this information.

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.

### Approved Documents - Test Reports

- (1) WF 363367 / 367034 / 367035 / 371079 / 371080. Surface Flammability test to IMO Resolution MSC 307(88) Annex 1 Part 5 and annex 2 of the Fire Test Procedures Code.
- (2) Smoke and Toxicity is satisfied by meeting the total heat release ( $Q_t$ ) and peak heat release ( $Q_p$ ) as stated in IMO Fire Test Procedures Code, Annex 2 Section 2.2

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