



Notified Body No. 1121

**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: 164.106/1121/WCL MED0417TE**

Applicant:- **Pyrotek Pty. Ltd**

Manufacturer:- Pyrotek Pty. Ltd

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

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NSW 2145, Australia

This is to certify that the applicant has submitted details of a primary deck covering (item reference "A.1/3.1") having low flame-spread and low smoke and toxic fume emission characteristics known and designated as:-

**"Decidamp SLC"**

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 and Annex 2.
- Smoke and Toxicity is satisfied by meeting the total heat release ( $Q_t$ ) and peak heat release ( $Q_p$ ) requirement as stated Paragraph 2.2 of Annex 2 to IMO Resolution MSC 307(88).
- IMO MSC/Circ.1120, 2 June 2004.

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 96/98 as amended, the certificate is issued.

This product has been assigned a U.S. Coast Guard Module B number 164.106/EC1121/WCL MED0417TE 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**

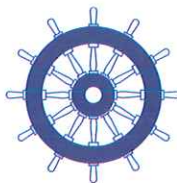
Certification Manager  
Warrington Certification Limited  
Holmesfield Road  
Warrington WA1 2DS

Date of Issue 27<sup>th</sup> February 2014

Amended 29<sup>th</sup> October 2014

This certificate is valid until 26<sup>th</sup> February 2019

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



*This certificate does not entitle the use of the Mark of Conformity, which requires an additional module, either D, E or F.*

*Under the terms of the Merchant Shipping (Marine Equipment Regulations 1991) Warrington Certification Ltd. has been notified to the European Commission by the Maritime and Coastguard Agency as a body authorised to conduct Type Examinations under the provisions of the European Council Directive 96/98/EC on Marine Equipment and issue Certificates of Type Approval.*

## 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		A cement/polyurethane system used for vibration dampening applied to a steel substrate
Product reference		"Decidamp SLC" constrained by Weber floor 4660 Marine Elastic on a steel substrate"
Name of manufacturer		Pyrotek
Overall thickness		Nominally 20mm (stated by sponsor) 19.51mm (determined by <b>Exova Warringtonfire</b> )
Overall density		Nominally 2.8g/cm <sup>3</sup> (stated by sponsor) 2.84g/cm <sup>3</sup> (determined by <b>Exova Warringtonfire</b> )
Final coating (test face)	Generic type	Cement based levelling material for steel or aluminium decks
	Product reference	"Weber floor 4660 Marine Elastic"
	Name of manufacturer	Weber (Saint-Gobain)
	Colour reference	<b>See Note 1 below</b>
	Number of coats	One
	Thickness per coat	Nominally 15mm
	Density / specific gravity	<b>See Note 1 below</b>
	Application method	Poured by hand or pumped
	Flame retardant details	<b>See Note 2 below</b>
Curing process per coat	<b>See Note 1 below</b>	
First coating	Generic type	Self-levelling compound
	Product reference	"Decidamp SLC"
	Name of manufacturer	Pyrotek
	Colour reference	<b>See Note 1 below</b>
	Number of coats	One
	Thickness per coat	Nominally 2mm
	Density / specific gravity	<b>See Note 1 below</b>
	Application method	Poured by hand
	Trade name of flame retardant	<b>See Note 1 below</b>
	Generic type of flame retardant	<b>See Note 1 below</b>
	Amount of flame retardant	<b>See Note 1 below</b>
Curing process per coat	<b>See Note 1 below</b>	
Substrate	Generic type	Steel
	Product reference	"Steel"
	Name of manufacturer	<b>See Note 2 below</b>
	Thickness	3mm
	Density / weight per unit area	7.9g/cm <sup>3</sup>
	Colour reference	"Silver"
Amount of flame retardant		The substrate is inherently flame retardant
Brief description of manufacturing process		<b>See Note 1 below</b>

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 unable 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 337240 (Dated February 2014) Surface Flammability test to IMO Resolution MSC 307(88): Annex 1: Part 5.
- (2) Smoke and Toxicity is satisfied by meeting the total heat release ( $Q_t$ ) and peak heat release ( $Q_p$ ) requirement as stated Paragraph 2.2 of Annex 2 to IMO Resolution MSC 307(88).

Warrington Certification Limited, Holmesfield Road, Warrington, WA1 2DS.

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