

**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/WCL MED0325TE**

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 (a): Decorative veneers for use on bulkheads and decks, known and designated as:-

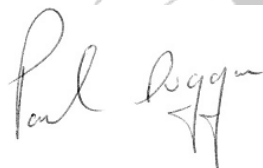
**"Decidamp® CLD"**

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 A653(16)
- IMO Resolution MSC 61(67) Annex 1 Part 5 and Annex 2.
- IMO Resolution MSC 61(67) Annex 1 Part 2 and Annex 2.
- 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.

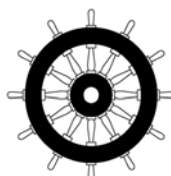
The manufacturer is allowed to affix the U.S. Coast Guard approval number 164.112/1121/WCL MED0325 as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment" signed February 27<sup>th</sup>, 2004.



P Duggan  
Manager  
Warrington Certification Limited  
Holmesfield Road  
Warrington WA1 2DS

Date of Original Issue 4<sup>th</sup> July 2011  
Revised on 23<sup>d</sup> April 2013 and on 29<sup>th</sup> October 2014  
Date of Re-issue: 12<sup>th</sup> May 2016  
This certificate is valid until 11<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		Aluminium foil faced polymer damping sheet core adhered to aluminium sheeting
Product reference of composite		"Decidamp® CLD "
Manufacturer of composite		Pyrotek Pty Ltd
Overall thickness		Between 2.1 to 2.4mm (stated by sponsor) 2.31mm (determined by <b>Exova Warringtonfire</b> )
Overall density		2.4g/cm <sup>3</sup> (stated by sponsor) 2.38g/cm <sup>3</sup> (determined by <b>Exova Warringtonfire</b> )
Foil	Product reference	"Aluminium Foil"
	Generic type	Aluminium foil
	Name of manufacturer	Alcoa
	Thickness	<b>See Note 1 below</b>
	Colour	"Silver"
	Flame retardant details	<b>See Note 2 below</b>
Adhesive	The facing was auto adhesively bonded to the core during the manufacturing process	
Core	Generic type	Polymer damping sheet style="text-align: center;"> <b>See Note 1 below</b>
	Product reference	"Decidamp® CLD "
	Name of manufacturer	Pyrotek Pty Ltd
	Thickness	<b>See Note 1 below</b>
	Colour	"Black"
	Weight per unit area	<b>See Note 1 below</b>
Flame retardant details	<b>See Note 2 below</b>	
Adhesive	The facing was auto adhesively bonded to the core during the manufacturing process	
Substrate	Product reference	"Aluminium Sheet"
	Generic type	Aluminium sheet
	Name of manufacturer	Alcoa
	Thickness	1.0mm
	Weight per unit area	2.6kg/m <sup>2</sup>
	Flame retardant details	The substrate is inherently flame retardant
Brief description of manufacturing process		Aluminium foil is heat-laminated onto a viscous polymer layer and combined with a pressure sensitive adhesive layer

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

Note 2. The sponsor of the test has confirmed that no flame retardant additives were utilised in the production of the component.

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) WARRES No. 308442 Surface Flammability test to IMO A653 (16), Part 5, Annex 1 and Annex of the Fire Test Procedures Code, Resolution MSC61 (67).
- (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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