

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/MED0531TE

Applicant:- Pyrotek Pty Ltd

Manufacturer:- Pyrotek Pty Ltd

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

147-149 Magowar Road, Girraween 2145 NSW,
Australia

This is to certify that the applicant has submitted details of a surface material with Low flame-spread characteristics and low smoke and toxic fume emissions (Item Number MED/3.18a: decorative veneer), known and designated as:-

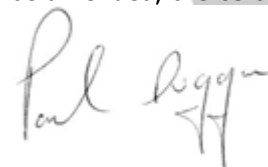
"Tape GC™"

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
- IMO MSC/Circ.1120, 2 June 2004.

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.

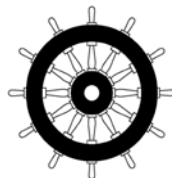
This certificate is issued on behalf of the Maritime and Coastguard Agency (MCA). The system complies with the relevant international testing standards under which legislation (The Merchant Shipping Marine Equipment) Regulations 1999 and also the Marine Equipment Directive 2014/90/EU as amended, the certificate is issued.



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

Date of Issue: 26th March 2019
This certificate is valid until: 25th March 2024

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 2016) Exova (UK) Limited trading as Warrington Certification has been notified to the European Commission by the Maritime and Coastguard Agency as a body authorised to conduct Type Examinations under the provision of the European Council Directive 2014/90/EU 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		Tape glass cloth adhered to a mineral wool insulation
Product reference		"Tape GC"
Name of manufacturer		Pyrotek
Overall thickness		39.94mm (determined by Warringtonfire)
Overall weight per unit area		0.93kg/m ² (determined by Warringtonfire)
Glass cloth	Generic type	Glass cloth
	Product reference	See Note 1 below
	Name of manufacturer	See Note 1 below
	Thickness	See Note 1 below
	Weight per unit area	See Note 1 below
	Type of weave	See Note 1 below
	Colour reference	"White"
	Flame retardant details	See Note 2 below
Adhesive	Generic type	See Note 1 below
	Product reference	See Note 1 below
	Name of manufacturer	See Note 3 below
	Application thickness	See Note 1 below
	Application method	See Note 1 below
	Flame retardant details	See Note 2 below
	Curing process	See Note 1 below
Insulation	Generic type	Mineral wool
	Product reference	See Note 1 below
	Name of manufacturer	See Note 1 below
	Thickness	30mm
	Density	See Note 1 below
	Colour reference	See Note 1 below
	Flame retardant details	See Note 2 below
Brief description of manufacturing process		See Note 3 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 of the test has confirmed that no flame retardant additives were utilised in the production of the component.

Note 3. 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 402196 (dated August 2018). Surface Flammability test to IMO Resolution MSC 307(88) Annex 1 Part 5.

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WarringtonFire
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