




Date : 09/06/15

CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORT NUMBER 'Assessment Reports' are not acceptable	304043 and 305479	CERTIFICATE NUMBER	CF 5039
DATE OF ISSUE	29/03/2011	DATE OF ISSUE	22/12/2011
DATE OF EXPIRY	29/03/2016	DATE OF EXPIRY	21/12/2016
Manufacturer details			
NAME OF FACTORY/ MANUFACTURER	ECO-SOL Ltd,	NAME OF THE BRAND	"Flametect C-WD"
FACTORY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	Cardiff House, Cardiff Road, Vale of Glamorgan, CF63 2AW. Wales Uk.	MODEL / NO	"Flametect C-WD"
WEBSITE	http://www.fireproofspray.co.uk	LOGO ON THE PRODUCT	
TEL	(+44) - 0845 293 7770	EMAIL	Eco-Sol Sales sales@eco-sol.co.uk



Product Details From Test Report		Reference Test Report page NO																																																		
<p>DESCRIPTION OF THE PRODUCT (TECHNICAL DETAILS FROM TEST REPORT, SUCH AS ACTUAL FIRE RATINGS/DIMENSIONS/THICKNESS/ SENSITIVITY ETC)</p>	<table border="1"> <tr> <td>General description</td> <td colspan="2">A Yellow Pine timber treated with a flame</td> </tr> <tr> <td>Product reference</td> <td colspan="2">"Yellow Pine treated with Flametect C-WD"</td> </tr> <tr> <td>Weight per unit area</td> <td colspan="2">7.82kg/m² (determined by Exova)</td> </tr> <tr> <td>Thickness</td> <td colspan="2">12mm (stated by sponsor)</td> </tr> <tr> <td rowspan="11">Coating product (Test face)</td> <td>Generic type</td> <td>Water based flame retardant</td> </tr> <tr> <td>Product reference</td> <td>"Flametect C-WD"</td> </tr> <tr> <td>Name of manufacturer</td> <td>Eco-Sol Ltd</td> </tr> <tr> <td>Colour</td> <td>"Clear"</td> </tr> <tr> <td>Number of coats</td> <td>3</td> </tr> <tr> <td>Application rate per coat</td> <td>20 to 30g/m²</td> </tr> <tr> <td>Application method</td> <td>Roller</td> </tr> <tr> <td>Specific gravity</td> <td>1060kg/m³</td> </tr> <tr> <td>Trade name of flame retardant</td> <td>"Flametect C-WD"</td> </tr> <tr> <td>Generic type of flame</td> <td>Water based</td> </tr> <tr> <td>Amount of flame retardant</td> <td>60 to 100g/m²</td> </tr> <tr> <td>Curing process per coat</td> <td colspan="2">Air dry</td> </tr> <tr> <td rowspan="5">Substrate</td> <td>Product reference</td> <td>"Yellow Pine"</td> </tr> <tr> <td>Generic type</td> <td>Pine</td> </tr> <tr> <td>Name of manufacturer</td> <td>Robert Price Ltd</td> </tr> <tr> <td>Thickness</td> <td>12mm</td> </tr> <tr> <td>Density / weight per unit area</td> <td colspan="2">See Note 1 below</td> </tr> </table> <p>Note 1: The sponsor of the test was unable to provide this information.</p>	General description	A Yellow Pine timber treated with a flame		Product reference	"Yellow Pine treated with Flametect C-WD"		Weight per unit area	7.82kg/m ² (determined by Exova)		Thickness	12mm (stated by sponsor)		Coating product (Test face)	Generic type	Water based flame retardant	Product reference	"Flametect C-WD"	Name of manufacturer	Eco-Sol Ltd	Colour	"Clear"	Number of coats	3	Application rate per coat	20 to 30g/m ²	Application method	Roller	Specific gravity	1060kg/m ³	Trade name of flame retardant	"Flametect C-WD"	Generic type of flame	Water based	Amount of flame retardant	60 to 100g/m ²	Curing process per coat	Air dry		Substrate	Product reference	"Yellow Pine"	Generic type	Pine	Name of manufacturer	Robert Price Ltd	Thickness	12mm	Density / weight per unit area	See Note 1 below		<p>WF 305479 Page 5 And WF 304043 Page 5</p>
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<p>TEST STANDARD (SUCH AS ASTM/BS EN/ DN ETC)</p>	<ul style="list-style-type: none"> • BS 476: Part 6 • BS 476: Part 7 • Class "0" <p>Class 0, as defined in Appendix A paragraphs 11 and 12 of Approved Document B, 'Fire Safety', to the Building Regulations 1991 and when the products are used in accordance with the provisions of the Approved Document.</p> <p>Class 0, as defined in the Building Standards (Scotland) Regulations 1990, the Building Regulations (Northern Ireland) 1990 or any other national regulations, provided that they use the test methods specified in BS 476: Part 6 and/or BS 476: Part 7.</p>	<p>WF 305479 Page 1 And WF 304043 Page 1</p> <p>Class 0 Summary Report WF 305479/ 304043 Page 4</p>																																																		
<p>TEST DESCRIPTION</p>	<p>BS 476: Part 6: 1989+A1: 2009 specifies a method of test, the result being expressed as a fire propagation index, that provides a comparative measure of the contribution to the growth of fire made by an essentially flat material, composite or assembly.</p> <p>BS 476: Part 7: 1997 specifies a method of test for measuring the lateral spread of flame along the surface of a specimen of a product orientated in the vertical position, and a classification system based on the rate and</p>	<p>WF 305479 Page 4</p> <p>WF 304043 Page 4</p>																																																		



	<p>extent of flame spread. It provides data suitable for comparing the performances of essentially flat materials, composites, or assemblies, which are used primarily as the exposed surfaces of walls or ceilings.</p> <p>The summary test report relates the results of the tests to the requirements for a Class 0 surface of a material or composite product, as defined in paragraph A13(b) of Approved Document B, 'Fire Safety', to the Building Regulations 2000.</p> <p>The specimens were tested with an airgap positioned behind the product as described in test report No. 304043 and test report No. 305479.</p>	<p>Class 0 Summary Report WF 305479/ 304043 Page 4</p>																				
<p>SPECIFICATION OF TEST SPECIMEN</p>	<table border="1" data-bbox="539 856 1279 1390"> <thead> <tr> <th>GENERIC DESCRIPTION</th> <th>PRODUCT REFERENCE</th> <th>THICKNESS</th> <th>WEIGHT PER UNIT AREA OR DENSITY</th> </tr> </thead> <tbody> <tr> <td>A Yellow Pine timber treated with a flame retardant</td> <td>"Yellow Pine treated with Flametect C-WD"</td> <td>12mm</td> <td>BS 476: Part 7 7.82kg/m²* BS 476: Part 6 9.61kg/m²*</td> </tr> <tr> <td colspan="4">Individual components used to manufacture composite:</td> </tr> <tr> <td>Coating product</td> <td>"Flametect C-WD"</td> <td>20 to 30g/m² (per coat)</td> <td>1060kg/m³</td> </tr> <tr> <td>Timber</td> <td>"Yellow Pine"</td> <td>12mm</td> <td>Unable to provide</td> </tr> </tbody> </table>	GENERIC DESCRIPTION	PRODUCT REFERENCE	THICKNESS	WEIGHT PER UNIT AREA OR DENSITY	A Yellow Pine timber treated with a flame retardant	"Yellow Pine treated with Flametect C-WD"	12mm	BS 476: Part 7 7.82kg/m ² * BS 476: Part 6 9.61kg/m ² *	Individual components used to manufacture composite:				Coating product	"Flametect C-WD"	20 to 30g/m ² (per coat)	1060kg/m ³	Timber	"Yellow Pine"	12mm	Unable to provide	<p>WF 305479 Page 2 and WF 304043 Page 2</p>
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<p>TEST RESULT (SUCH AS PASSED CRITERIA ___/ COMPLIED TO ___/ DURATION ___/OBSERVATION ___/ETC)</p>	<p>Class 0, as defined in paragraph A13(b) of Approved Document B, 'Fire Safety', to the Building Regulations 2000.</p>																					
<p>PRODUCT APPLICATION GUIDELINE (END USE) (CLEARLY STATE THE END USE WITH SPECIFIC APPLICATION, SUCH AS EXACT FIRE RATING/TO BE INSTALLED IN ___/TO BE INSTALLED AT ___/TO BE CONNECTED WITH ___/TO BE INSTALLED WITH ___ ETC ALONG WITH ANY WARNINGS SUCH AS NOT TO BE USED IN ___/NOT TO BE INSTALLED AT ___/ NOT TO BE INSTALLED WITH ___ ETC.</p>	<p>3 coats of Flametect C-WD. may be applied by spray, brush or roller at an application rate of 20-30g/m² (per coat)</p> <p>Unlike textiles it is important that the desired volume is applied to the wood</p> <p>Please ensure substrate is dry before application, where it is possible to measure the moisture content, the moisture content should ideally be 20% or lower</p> <p>When applied externally please either protect from the elements or where possible opt for a dry 24-48 hour application / drying period</p>	<p>WF 305479 Page 5 And WF 304043 Page 5</p>																				




Laboratory and Certification body details



NAME OF CERTIFICATION BODY	Warrington Certification Limited	NAME OF TEST FACILITY	Exova WarringtonFire
CERTIFICATION BODY ADDRESS / REGION <small>(STREET / TOWN / CITY / COUNTRY)</small>	Holmesfield Road Warrington WA1 2DS United Kingdom	TEST FACILITY ADDRESS / REGION <small>(STREET / TOWN / CITY / COUNTRY)</small>	Warrington Certification Limited Holmesfield Road Warrington WA1 2DS United Kingdom
WEBSITE	www.warringtoncertification.com	WEBSITE	www.warringtoncertification.com
TEL	+44 (0) 1925 655116	TEL	+44 (0) 1925 655116
EMAIL	info@exova.com	EMAIL	warrington@exova.com
ACCREDITED BY <small>(NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE CERTIFICATION BODY, ALONG WITH WEBSITE)</small>	UKAS (United Kingdom Accreditation Services)	ACCREDITED BY <small>(NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE LABORATORY, ALONG WITH WEBSITE)</small>	United Kingdom Accreditation Service (UKAS)
AS PER <small>(STANDARD TO WHICH THE CERTIFICATION BODY IS ACCREDITED TO)</small>	assessment against BS EN ISO/IEC 17065:2012 in November 2014)	AS PER <small>(STANDARD TO WHICH YOUR ORGANIZATION IS ACCREDITED TO)</small>	ISO/IEC 17025, EN 45011 and ISO/IEC 17020
VALIDITY <small>(EXPIRY DATE OF CERTIFICATION BODY ACCREDITATION)</small>	Initial Accreditation Granted: 01 st August 1999 Current Certificate Issued: 16 th August 2013	VALIDITY <small>(EXPIRY DATE OF LABORATORY ACCREDITATION)</small>	Current certificate issued 12 th September 2014
REFERENCE NUMBER: <small>(CERTIFICATION BODY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)</small>	UKAS Certification Body No. 0087 Notified Certification Body No. 1121	REFERENCE NUMBER: <small>(THE LABORATORY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)</small>	0249
CERTIFICATION MARK			



(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER

NAME OF MANUFACTURER'S SIGNATORY	Paul Anthony Allcock	SIGNATURE	
EMAIL / TEL	sales@eco-sol.co.uk	FACTORY OFFICIAL SEAL	
NOTES: I Undertake that all data and information provided are genuine and accurate			

(ENDORSEMENT) TO BE SIGNED BY CERTIFICATION BODY

NAME OF CERTIFICATION BODY SIGNATORY	SIR KEN KNIGHT CBE QFSM FIFireE	SIGNATURE	
EMAIL / TEL	info@exova.com/+44 (0) 1925 655116	CERTIFICATION BODY OFFICIAL SEAL	
NOTES: I Undertake that all data and information provided are genuine and accurate			

ATTACHMENTS:

- **COPY OF 'CERTIFICATE OF COMPLIANCE' ISSUED BY CERTIFICATION BODY (OLD OR NEW)**



CERTIFICATE OF APPROVAL

No CF 5039

This is to certify that, in accordance with
TS00 General Requirements for Certification of Fire Protection Products
The undermentioned products of

ECO-SOL LIMITED

Cardiff House, Cardiff Road, Vale Of Glamorgan, CF63 2AW
Tel: 0845 293 7770, Fax: 02920 027 978

Have been assessed against the requirements of the Technical Schedule(s)
denoted below and are approved for use subject to the conditions
appended hereto:

CERTIFIED PRODUCT	TECHNICAL SCHEDULE
"Yellow Pine treated with Flametect C-WD"	TS 19 Reaction To Fire Performance Requirements: Class 1 (BS)

Signed and sealed for and on behalf of CERTIFIRE



Sir Ken Knight
Chairman - Management Council
Page 1 of 2

Issued: 22 December 2011
Valid to: 21 December 2016



CERTIFICATE No CF 5039
ECO-SOL LIMITED

1. This approval relates to the use of the above construction product. The product has shown a fire performance of Class 1 (BS) in accordance with the requirements of Technical Schedule 19.
2. This approval does not cover other features required of protective coverings such as durability, impact resistance, water absorption etc
3. The approval does not relate to the durability of fire performance if the construction product is used in external applications.
4. The construction product is approved on the basis of:
 - i) Initial type testing
 - ii) Audit testing at the frequency as specified in Clause 11 – Technical Schedule 19.
 - iii) Inspection and surveillance of factory production control
 - v) Certification under ISO 9001: 2008
5. This approval is applicable to the following product family....
6. The construction product shall be mounted and fixed in accordance with manufacturers instructions.
7. Markings to the CERTIFIRE design referencing Eco-Sol Limited, CERTIFIRE and CERTIFIRE Ref. No. CF5039 shall be affixed to each construction product in the prescribed position.
8. This approval relates to ongoing production. The product and/or its immediate packaging is identified with the manufacturer's name, the product name or number, the CERTIFIRE name or name and mark, together with the CERTIFIRE certificate number and application where appropriate.