



# **Confidential Report**

**Our Ref: 26/02533/03/19**

Notified Body  
for PPE Directive,  
Construction Products Regulation  
& Marine Equipment Directive  
I.D. No. 0338 & 0339



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Date: 13 March 2019

Our Ref: 26/02533/03/19  
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Client: Eco-Sol Ltd  
Cardiff House  
Cardiff Road  
Barry  
Vale Of Glam  
CF63 2AW

Job Title: Fire Test on One Sample of Artificial Grass

Client's Order No: --

Date of Receipt: 07 March 2019

Description of Sample(s): One sample of artificial grass, referenced; Treated with Flametect Nitro.

Work Requested: We were asked to make the following test(s):  
BS 4790 (Loose laid)

Note: This report relates only to the samples submitted and as described in the report.

- \* subcontracted test, UKAS accredited
- \*\* subcontracted test, EN ISO/IEC 17025 accredited
- \*\*\* not UKAS accredited

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Our laboratories are accredited to EN ISO/IEC 17025.



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## FIRE TESTS ACCORDING TO BS 4790:1987 (2014)

### Determination of the effects of a small source of ignition on textile floorcoverings, (Hot Metal Nut Method)

Date of test: 13/03/2019

#### Procedure

The sample was tested according to the above standard. The sponsor sampled the material and the specimens were cut from the sample received to the dimensions set out in the standard by BTTG.

#### Requirements

The results were classified according to BS 5287:1988 (2014) - 'Assessment and Labelling of Textile floorcoverings tested to BS 4790' The full descriptions of the classifications, abbreviated to low, medium or high in the table of results, are as follows:-

low radius of effects of ignition (up to 35mm)

medium radius of effects of ignition (40 to 75mm)

high radius of effects of ignition (80mm or over).

#### Results

Duration of Flaming (s)	Greatest radius of char		Class
	Face (mm)	Back (mm)	
602	50	45	Medium
668	55	50	Medium
793	60	55	Medium

#### Note

The test results relate only to the behaviour of the test specimens after application of a small source of ignition; they shall not be used as a means of assessing how the product will contribute to an established fire.

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TESTING • CERTIFICATION • AUDITING

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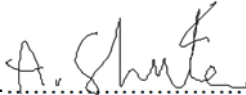
**Client: Eco-Sol Ltd**

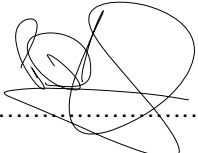
## Comments

The test was carried out with the sample being loose laid onto 6mm calcium silicate non-combustible backing boards, in accordance with mounting method 1.

Please note that a high classification is the worst result and a low classification is the best result. Also the end result is based on the worst specimen of the three specimens tested.

Uncertainty of measurement has not been taken into account when presenting the test result. The relevant uncertainty value is included as an annex which forms an integral part of the report.

Reported by:.......... A Shute, Senior Lab Technician

Countersigned by:.......... P Doherty, Executive Manager

Enquiries concerning this report should be addressed to Customer Services.

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## Uncertainty Budget - Annex

The overall uncertainty budget for both BS 4790:1987 (2014) is as follows:-

Measurements:  $\pm 5\text{mm}$

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