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test certificate



Serial No: 1968
Page No: 1 of 4
Date Received: 21.11.2013

To: Dave Lindsay
ECHO BARRIER LTD
Drury Drive
Woodhall Business Park
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CO10 1WH.

Sample(s) 1 Sample Acoustic Barrier Composite consisting of a Green Fabric outer Layer, an Inner Yellow High Visibility Fabric and an Inner Orange Mesh Fabric ref: Echo Barrier H3 series and Acoustic Tent Panels.

Performance Standard: BS 7837 : 1996.

Method of Test : BS 5438 : 1989 Test 2B (Bottom Edge Ignition).


Laboratory Reference: 1968.

Pretreatment: BS 5651 : 1989 Water Soak Procedure.

No part of the lowest boundary of any flame reached the upper or either vertical edge of any of the specimens tested. No separation of any flaming debris from any specimen was observed. The duration of afterflame did not exceed 5.0 seconds after the removal of the igniting flame.

Result: The sample met the performance requirements of BS 7837 : 1996, when tested after a water soak procedure.

The results may not apply to situations where there is restricted air supply or prolonged exposure to large sources of intense heat as in a conflagration.

Signed  Date: 20th December 2013.
T.Smith – Laboratory Manager.

This test report relates only to the sample(s) submitted and does not infer that the bulk of the material is of equal quality.

Report of tests carried out in accordance with BS 5438, test method 2B (Bottom Edge Ignition). **The results may not apply to situations where there is a restricted air supply or prolonged exposure to large sources of intense heat as in a conflagration.**

Specimen Ref : Green Fabric Outer Layer.	Flame application time: 10 seconds					
Face tested : Face	Fabric Length			Fabric Width		
Specimen number : 1968	1 ↑	2 ↓	3 ↑	4 →	5 ←	6 ←
Flame reached an edge (x or √)	x	x	x	x	x	x
Hole reached an edge (x or √)	N/A	N/A	N/A	N/A	N/A	N/A
Complete if required by performance standard						
Flaming debris (x or √)	x	x	x	x	x	x
Duration of flaming (s)	0.0	0.0	0.0	0.0	0.0	0.0
Duration of afterglow (s)	0.0	0.0	0.0	0.0	0.0	0.0
Maximum vertical extent of hole (mm)	N/A	N/A	N/A	N/A	N/A	N/A
Maximum horizontal extent of hole (mm)	N/A	N/A	N/A	N/A	N/A	N/A
If hole formed but no ignition on all 3 replicates in any one direction mark √ in box.	<input type="checkbox"/>					
In this case, hole size dimensions relate to 2 s flame application time.						
Deviation (if any) from specified procedure:						
Tested after Water Soak Procedure (BS 5651 : 1989).						

Signed  Date: 20th December 2013.
 T. Smith – Laboratory Manager.

Report of tests carried out in accordance with BS 5438, test method 2B (Bottom Edge Ignition). **The results may not apply to situations where there is a restricted air supply or prolonged exposure to large sources of intense heat as in a conflagration.**

Specimen Ref : Inner Yellow High Visibility Fabric	Flame application time: 10 seconds					
Face tested : Face	Fabric Length			Fabric Width		
Specimen number : 1968.	1 ↑	2 ↓	3 ↑	4 →	5 ←	6 ←
Flame reached an edge (x or √)	x	x	x	x	x	x
Hole reached an edge (x or √)	N/A	N/A	N/A	N/A	N/A	N/A
Complete if required by performance standard						
Flaming debris (x or √)	x	x	x	x	x	x
Duration of flaming (s)	0.0	0.0	0.0	0.0	0.0	0.0
Duration of afterglow (s)	0.0	0.0	0.0	0.0	0.0	0.0
Maximum vertical extent of hole (mm)	N/A	N/A	N/A	N/A	N/A	N/A
Maximum horizontal extent of hole (mm)	N/A	N/A	N/A	N/A	N/A	N/A
If hole formed but no ignition on all 3 replicates in any one direction mark √ in box.	<input type="checkbox"/>					
In this case, hole size dimensions relate to 2 s flame application time.						
Deviation (if any) from specified procedure:						
Tested after Water Soak Procedure (BS 5651 : 1989).						

Signed  Date: 20th December 2013.
 T. Smith – Laboratory Manager.

Report of tests carried out in accordance with BS 5438, test method 2B (Bottom Edge Ignition). **The results may not apply to situations where there is a restricted air supply or prolonged exposure to large sources of intense heat as in a conflagration.**

Specimen Ref : Inner Green Mesh Fabric.	Flame application time: 10 seconds					
Face tested : Face	Fabric Length			Fabric Width		
Specimen number : 1968.	1 ↑	2 ↓	3 ↑	4 →	5 ←	6 ←
Flame reached an edge (x or √)	x	x	x	x	x	x
Hole reached an edge (x or √)	N/A	N/A	N/A	N/A	N/A	N/A
Complete if required by performance standard						
Flaming debris (x or √)	x	x	x	x	x	x
Duration of flaming (s)	0.0	0.0	0.0	0.0	0.0	0.0
Duration of afterglow (s)	0.0	0.0	0.0	0.0	0.0	0.0
Maximum vertical extent of hole (mm)	N/A	N/A	N/A	N/A	N/A	N/A
Maximum horizontal extent of hole (mm)	N/A	N/A	N/A	N/A	N/A	N/A
If hole formed but no ignition on all 3 replicates in any one direction mark √ in box.	<input type="checkbox"/>					
In this case, hole size dimensions relate to 2 s flame application time.						
Deviation (if any) from specified procedure:						
Tested after Water Soak Procedure (BS 5651 : 1989).						

Signed 

Date: 20th December 2013.

T. Smith – Laboratory Manager.

End of Report

This test report relates only to the sample(s) submitted and does not infer that the bulk of the material is of equal quality.