

**Test Report Issued to:**

Greenlam Industries  
Vill-Paterh Bhonku, P.O.-Panjehra, Tehsil-Nalagarh,  
Distt- Solan (HP). Nalagarh-174101

Test Report No: I210415001/i210415001-1  
Date of Issue: 25.05.2021

Sample Booking/Receipt Date: 15-April-2021  
Date of Start of Test: 17-April-2021  
Date of Completion of Test: 17-April-2021

**Customer Relationship Number:**

**A1120022**

**Sample Description (Declared by customer)**

Decor no. 113, Suede Finish(13mm Thick)

**Kind Attention:** Mr. Ankush Kumar

**E-Mail:** ankush.kumar@greenlam.com

**Contact No:** + 91 9805043863

**Reference Number: NA**

Authorized Signatory



**Terms & Condition:**

- The test results in this report relate only to the items tested.
- This report may be copied for the purposes of reporting or transmitting test results and only on the condition that is reproduced in full. Copying for other purposes is strictly prohibited without the written consent of Ignito Labs.

**Scope:**

To perform fire test on Greenlam Anti-Virus Compact Laminate as per  
**BS 476 part 6: 1989+A1:2009**; Method of test for fire propagation for products  
**BS 476 part 7: 1987**; Method for classification of the surface spread of flame of products

**Reference Documents:**

- **BS 476 part 6: 1989+A1:2009**; Method of test for fire propagation for products
- **BS 476 part 7: 1987**; Method for classification of the surface spread of flame of products

**Product/Material:**

<b>Trade Name (Declared by test sponsor)</b>	Greenlam Anti-Virus Compact Laminate, Suede Finish (13mm Thick)
<b>Generic Identification</b>	High Pressure Compact Laminate
<b>Mass per unit area</b>	21.9 Kg/m <sup>2</sup>
<b>Thickness</b>	13.2mm
<b>Face Tested</b>	Both Side same decor
<b>Form in which specimen was tested</b>	Board

**Observations:**


- **BS 476 part 6: 1989+A1:2009**; Method of test for fire propagation for products

Sub-Indices	Values
i 1	1.58
i 2	4.88
i 3	1.53

**Result Summary:**

Test method	Parameter	Obtained Results
<b>BS 476 part 6: 1989+A1:2009</b>	Fire Propagation Index, I	7.99

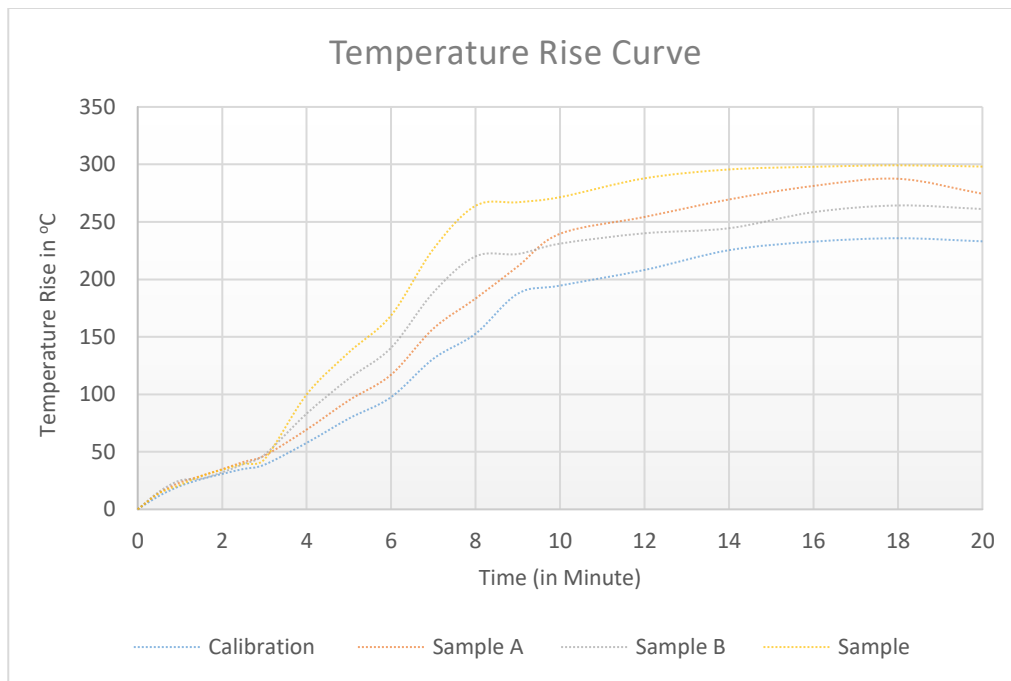
Analyst (Sign)



Authorized Signatory (Sign)



Temperature Rise above initial in °C				
Time (min)	Calibration (°C)	Sample A(°C)	Sample B(°C)	Sample(°C)
0.5	11.6	14.1	15.2	13.9
1	20.2	23.3	25.1	21.2
1.5	26.2	29.1	26.7	28.9
2	30.8	34.9	32.2	34.4
2.5	35.1	41.2	39.3	39.7
3	38.8	46.7	47.4	43.5
4	57.8	69.4	83.2	99.8
5	79.0	94.8	113.8	136.5
6	97.6	117.1	140.5	168.6
7	131	157.2	188.6	226.4
8	152.8	183.4	220.0	264.0
9	187.6	211.3	222.1	267.1
10	194.6	239.7	231.1	271.5
12	208.2	254.3	240.1	287.9
14	225.4	269.5	244.5	295.6
16	232.8	281.3	258.5	297.9
18	235.8	287.5	264.3	299.2
20	233.1	274.5	261.2	298.1



Analyst (Sign)

*Abhishek Kumar*

Authorized Signatory (Sign)

*[Signature]*



**Observations:**

- BS 476 part 7: 1987; Method for classification of the surface spread of flame of products


Classification of spread of flame				
Classification	Spread of Flame at 1.5 min		Final Spread of Flame	
	Limit	Limit for one specimen in a sample	Limit	Limit for one specimen in a sample
	mm	mm	mm	mm
Class 1	165	165 + 25	165	165 + 25
Class 2	215	215 + 25	455	455 + 45
Class 3	265	215 + 25	710	710 + 75
Class 4	Exceeding the limit for class 3			

Specimen	Spread of flame at 1.5 min	Final spread of flame at termination/at 10 min
	-	-
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-

**Result Summary:**

Test method	Classification	Obtained Results
BS 476 part 7: 1987	Class 1/ Class 2/class 3/Class 4	Class 1, No Flame observed

Analyst (Sign)



Authorized Signatory (Sign)

