



Sturdo
RESTROOM CUBICLES & LOCKERS



Test Reports

BS 476 (FIRE PROPAGATION -
PART 6 AND SPREAD OF FLAME - PART 7)

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:

Trade Name (Declared by test sponsor)	Greenlam Anti-Virus Compact Laminate, Suede Finish (13mm Thick)
Generic Identification	High Pressure Compact Laminate
Mass per unit area	21.9 Kg/m ²
Thickness	13.2mm
Face Tested	Both Side same decor
Form in which specimen was tested	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
BS 476 part 6: 1989+A1:2009	Fire Propagation Index, I	7.99

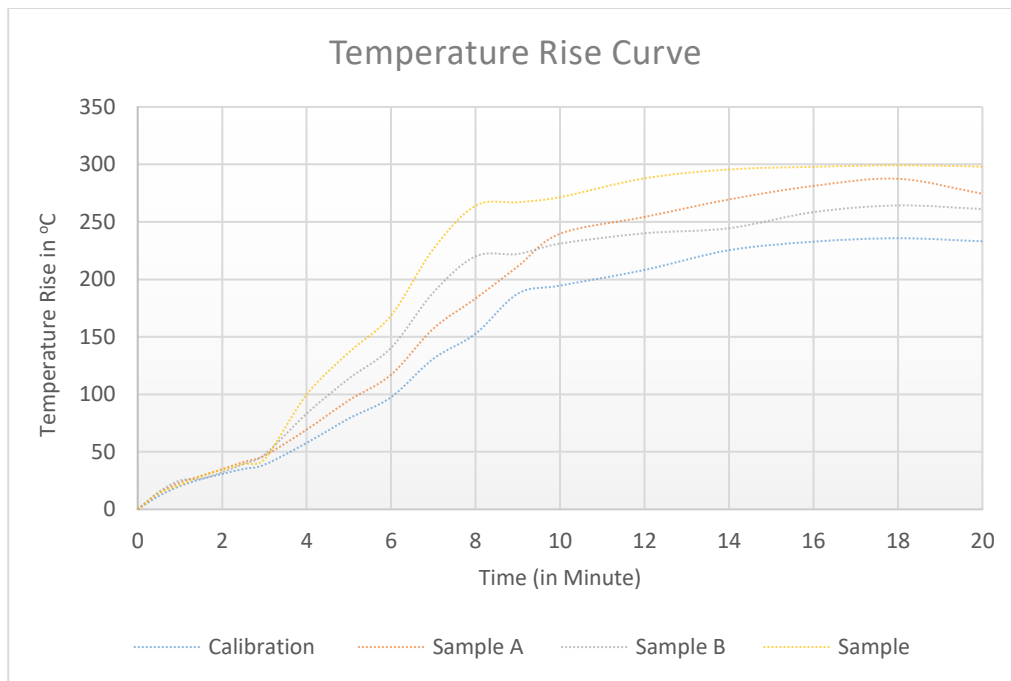
Analyst (Sign)



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)

