

TEST REPORT

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Applicant : **GREENLAM ASIA PACIFIC PTE. LTD.**
D-2-10, Capital 4, Oasis Square,
No. 2, Jalan PJU 1A/7A, Ara Damansara,
47301 Petaling Jaya,
Selangor Darul Ehsan.
(Attn: Ms. Lavinia Yong)

Manufacturer : **GREENLAM INDUSTRIES LTD.**
E-176-179, SP-02, Riico Ind. Area, Phase II,
Behror-Alwar (RAJ.), 301701 India.

Product : **HIGH PRESSURE LAMINATES**

Reference Standard/
Method of Test : BS 476: Part 6: 1989+A1:2009
Fire Test on Building Materials and Structures
Part 6: Method of Test for Fire Propagation for Products.

Description of Test Specimen : 6 pieces of High Pressure Laminates.
Size of Specimen : 225mm x 225mm x 0.8mm (measured thickness)
Brand : Greenlam
Model : Suede
Nominal Thickness : 0.8 mm
Measured Density : 1446 kg/m³

The specimens were tested with the face side exposed to the specified heating condition of the fire test.

The test was requested through PP2 Form Ref. No. P5-013355 dated 16.04.2019.


Date Received : 09.05.2019

Job Number : J20191440292

Test Result :	Subindex i1	Subindex i2	Subindex i3	Fire Propagation Index (I)
	6.2	5.6	1.3	13.1

Issued Date : 1 July 2019

Approved Signatory



(MUHAMMAD SAFUAN MUSA)
Testing Executive




(AZMI MUSA)
HEAD
Fire Protection Section
Testing Services Department

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Product : HIGH PRESSURE LAMINATES

Brand : Greenlam

Nominal Thickness : 0.8 mm

Model : Suede

Measured Thickness : 0.8 mm

Date of Test : 14.06.2019

Measured Density : 1446 kg/m³

Time (Min.)	Temperature Rise Above Ambient (°C)				
	Calibration	Specimen A	Specimen B	Specimen C	Specimen Average
0.5	10	15	16	14	15
1.0	15	31	31	32	31
1.5	18	40	40	40	40
2.0	24	45	41	43	43
2.5	29	45	44	45	45
3.0	33	48	49	50	49
4.0	62	85	83	86	85
5.0	93	149	150	155	151
6.0	117	185	174	177	179
7.0	136	203	196	198	199
8.0	153	220	212	211	214
9.0	170	235	225	223	228
10.0	185	245	236	231	237
12.0	201	255	250	245	250
14.0	214	264	262	249	258
16.0	224	268	264	255	262
18.0	233	271	266	263	267
20.0	237	268	261	259	263
Subindex 1		6.2	6.2	6.1	6.2
Subindex 2		5.9	5.3	5.5	5.6
Subindex 3		1.5	1.3	1.1	1.3
Index of Performance		13.6	12.8	12.7	13.1



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Date of Test : 14.06.2019

No. of Specimen Tested : 3 nos.

The Fire Propagation Index **I** is **13.1** for the High Pressure Laminates with measured density of 1446 kg/m³ and measured thickness 0.8 mm.

The Subindex i1 is 6.2

The Subindex i2 is 5.6

The Subindex i3 is 1.3

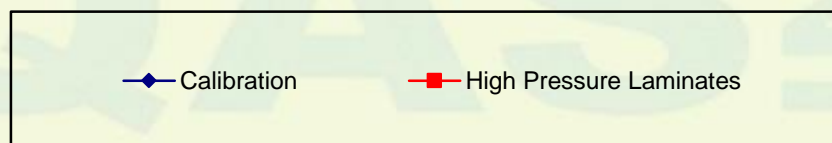
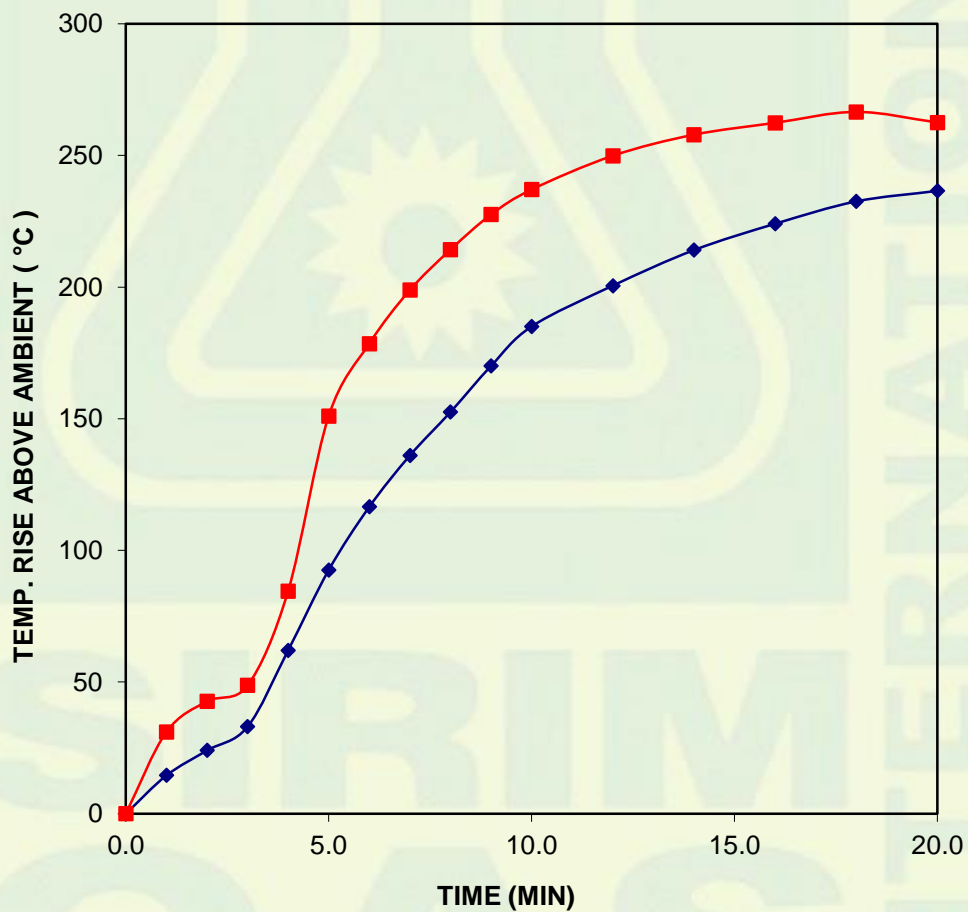
The test results relate only to the behavior of the test specimens of the product under the particular conditions of test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.



A handwritten signature in blue ink, appearing to be 'M. N. M.', written over the bottom right portion of the stamp.

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Product : HIGH PRESSURE LAMINATES
Brand : Greenlam
Model : Suede
Date of Test : 14.06.2019
Nominal Thickness : 0.8 mm
Measured Thickness : 0.8 mm
Measured Density : 1446 kg/m³



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 - b) Obtaining an injunction from Court (cost on a solicitor-client basis to be borne by the Applicant);
 - c) Refusing to accept any further Product for Testing Services from the Applicant or whosoever related to the Applicant, whether subsidiary or otherwise;
 - d) Instructing the Applicant to withdraw and recall the advertisement, statement or document in question and advertise a clarification and apology to SIRIM QAS International, SIRIM and/or other SIRIM's subsidiaries twice in a national publication of SIRIM QAS International's choice at the Applicant's sole cost; and
 - e) Informing or lodging a report pertaining the Applicant's Test Report with the relevant authorities.
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11. Corrections to test report shall only be allowed within 6 months from issuance date of the test report and shall be limited to maximum 3 times, after either case whichever occurs earlier, a new test report shall be issued and replace the previous one (having error(s) or lack of information). Issuance of Supplementary Report to the original Test Report shall be for the followings;
 - a) Misprints and typo errors
 - b) Missing technical information
 - c) Test data not reported
 - d) Mistake in reporting of test data