



ARIHANT ANALYTICAL LABORATORY PVT. LTD.

AN ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OHSAS) CERTIFIED LABORATORY

272, Phase-IV, Sec-57, HSIIDC, Kundli, Sonapat-131028 (Haryana)

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TEST CERTIFICATE

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Issued To: M/s Samrat Plywood Ltd.,
Village Bir Plassi, Nalagarh,
Dist. Solan Pincode-174101.

Sample Description: One sample described as **High Pressure Laminates**,
was received.

Report No. AAL MIS-20220210002

Date of Receiving: 10/02/2022
Date of Starting: 10/02/2022
Date of Completion: 16/02/2022
Date of Reporting: 16/02/2022
Sample Quantity: 8 Pcs.
Sample Packing Condition: Loose
Sample Submitted By: Customer

TEST RESULTS

Dimensions	1	2	3	4	5	6	7	8
(i) Length, mm	305.18	305.6	305.10	305.12	305.06	305.08	305.04	305.06
(ii) Width, mm	305.16	305.14	305.08	305.14	305.08	305.06	305.02	305.04
(iii) Thickness, mm	9.02	9.04	9.06	9.02	9.08	6.40	6.50	6.52
Density, Kg/m ³	1481	1471	1474	1480	1469	1478	1497	1478

Tests carried out: fire test as per BS: 476, pt-7:1997

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

Specimen no.	1	2	3	4	5	6	7	8
Tests	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero
Spread of how as 1.5 minute interval, mm								

Classification of Surface spread of Flame

Requirements, mm

Class - 1 - 165+25

Class - 2 - 215+25

Class - 3 - 265+25

Class - 4 - Above Class 3

Test Carried out for smoke development and droplets while burning as per: EN-13501-1 for BS-1DO Protocol

S. No.	Test Parameter	Observation	Requirement as per BS-1DO	Conformity
1.	Smoke development	Very limited smoke development of Class S1	Very limited smoke development of Class S1	Yes
2.	Burning Droplets	No burning droplets or particle of Class d0	No burning droplets or particle of Class d0	Yes

Observations: (i) From the above tabulated results it is observed and inferred that there is no spread of fire at 1.5 minute on Laminated tested specimens.

(ii) There is no smoke development and burning droplets or particles.

Remarks: (i) On the basis of tests conducted and observation made the sample falls in CLASS – 1 as per surface spread of flame.
(ii) The material is certified and approved according to BS-1, DO Protocol.

****End of Report****

Note: The test results relate only to the specimens received and tested in the laboratory.

Dr. D.R. Sharma
Gen. Manager (Q&T)
Authorised Signatory

Note: 1. The Result Indicated above refer to the tested sample and listed test parameters only, endorsement of products is neither inferred not implied.
2. Total liability of our laboratory is limited to the invoice amount.