

TEST REPORT

TEST REPORT AS PER: CUSTOMER REQUIREMENT

TEST REPORT NO. PEL/ED/08700225A			NAME & ADDRESS OF MANUFACTURER Diamond international index pvt ltd ,plot no 98,sec8,IMT Manesar, gurgaon Haryana 122050
ULR NO. TL0110125002310F			
DATE OF ISSUE OF TEST REPORT: 09/04/2025			
Customer Ref. & Date if any: Nil			
Date of Sample Receipt: 28/03/2025	Start of Test Date: 28/03/2025	End of Test Date: 09/04/2025	

PART A - PARTICULARS OF THE SAMPLE SUBMITTED

NATURE OF SAMPLE	Mineral Fiber Tile
Grade/ Variety/ Type/ Class/ Size/Model.	Nil
Declared Values, if any (declared by the manufacturer).	Nil
Sr. No	Nil
BIS Seal and IO's sign. If any.	Nil
Batch no., Date of manufacture	Nil
Brand Name /Model No.	Brand:  Main model – Mineral Fiber Ceiling Tiles Series : Acoustic Pin Hole, 595X595X16mm
Quantity of Samples	4 No.
Condition of the Sample when received.	OK
Standard Reference	As per customer requirement
Environmental Conditions.	Temperature 25 ± 1°C & Relative Humidity<65%

PART B - SUPPLEMENTARY INFORMATION

- a) Deviations from the test methods as per relevant specification/ work instructions, if any : NIL
b) Details of the drawings, graphs, tables, sketches or photographs as referred in the test report, if any : NIL

Notes:

- i) This report is not to be reproduced wholly or in part without our special permission in writing.
ii) This report refers only to the particular sample detailed above.
iii) The results reported in this certificate are valid at the time of and under the stipulated conditions of measurement.
iv) Sample will be disposed off after 30 days of issue of test report if no any further information is received.
v) Any recognition claim in the test report is solely for promotional/advertising purpose and has no relation with the content of the report.

Tested by	Reviewed and Authorized by	Issued By
 Mr. PRADUM KUMAR TESTING ENGINEER Date:09/04/2025	 MANEESH KUMAR GOLE HOD Date:09/04/2025	 MANISH KUMAR ICS Date:09/04/2025

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Fire Propagation test report:

Performance Criteria for Fire Propagation:

Index of Performance should be such $I < 12$ and Sub-Indices $i < 6$.

Summary of test

BS476-Part 6 : specifies a method of test, the result being expressed as a fire propagation index that provides a comparative measure of the contribution to the growth of fire made by an essentially flat material, compositor assembly .It is primarily intended for the assessment of the performance of internal wall and ceiling linings.

Conditioning of specimens

The specimens were received and conditioned to constant mass at a temperature of $23 \pm 2^\circ\text{C}$ and a relative humidity of $50 \pm 5\%$ prior to testing.

Results

Throughout the test on each specimen, careful observations were made for the product's behavior within the apparatus and special note was taken of any of the phenomena listed in the Standard. None of the listed phenomena was observed and the test results on all the specimens tested were valid.

Sub -Indices	
i_1	1.12
i_2	1.23

PLANET ELECTRO LABS PVT. LTD.

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i ₃	1.12
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Index of Performance	
I	3.47

Result: The tested specimen qualified the test as per BS 476 part 6.

Note: 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.

Test report for Surface Spread of Flame:

Product Name:

Mineral fiber Ceiling tiles

Note: The sample tested was representative of the intended product. The test method is as per BS 476 and as per customer requirement.

Test Standard:

BS 476 Part 7; 1997. Method of test to determine the classification of the surface spread of flame of products.

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Specimen Definition

Test specimen was sent by test sponsor, Planet electro Lab was not involved in the selection and preparation of test specimen.

Spread of Flame

Performance Criteria for Spread of Flame

Classification Criteria for Spread of Flame

Classification	Spread of Flame at 1.5 Minutes		Final Spread of Flame	
	Limit	Limit for one specimen in sample (mm)	Limit	Limit for one specimen in sample (mm)
Class1	165	+25	165	+25
Class2	215	+25	455	+45
Class3	265	+25	710	+75
Class4	Exceeding the Limit of Class3			

Criteria for using Suffix and Prefix in the Classification

1. A prefix D is added, if tested material is not complying with the surface characteristics specified in the standard.
2. A suffix Y is added, if any other behavior of material affects the flame spread.

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Summary of Results

The system has been evaluated in accordance with BS476 Part7

Observations

Specimen No.	1	2	3	4
Distance(mm)	Time to travel distance (Min.: Sec.)			
75	No Flame	No Flame	No Flame	No Flame
165	No Flame	No Flame	No Flame	No Flame
190	No Flame	No Flame	No Flame	No Flame
215	No Flame	No Flame	No Flame	No Flame
240	No Flame	No Flame	No Flame	No Flame
265	No Flame	No Flame	No Flame	No Flame
455	No Flame	No Flame	No Flame	No Flame
555	No Flame	No Flame	No Flame	No Flame

	Flame Spread, mm			
Specimen No.	1	2	3	4

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At 1.5 Minutes	No Flame	No Flame	No Flame	No Flame
Final Flame Spread	No Flame	No Flame	No Flame	No Flame

Result: The tested specimen qualified for Class 1 as per BS476 Part 7 and as per the customer requirement.

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PHOTOGRAPH



The End of Report

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