metalab® Analytical Pvt. Ltd.
Shed No. : 25-26, Nilkanth Avenue, B/h. Palm Hotel, Viratnagar Cross S. P. Ring Road, Odhav, Ahmedabad-382415 (Gujarat, INDIA)

TEST REPORT

Submitted To :Schepper Metal Cellings Pvt Ltd.
13th, B-1301 & 1302, Sivanta One Business Park, Nr Kothavala Flat, Paldi, Ashram Road, Ahmedabad, 380007

Test Report No :MA/BH19/2
Date of Report Issue:01/10/2025
Date of Sample Inward:19/08/2025
Condition of Sample/Location:Satisfactory

***Letter Ref:**By Email

***Sample Details:**0.62 mm Approx. Thk. Powder Coated U Shaped Baffle (Schepper Metal Profile), Batch No. of Powder Product: QOC5162013, Colour Code: sw31Bn, Make of Powder Product: AkzoNobel, Grade: D1000.
Submited Size: Approx. 50 mm (W) X 50 mm (D) X 1200 mm (L)

Test No. (A, B, C, D)

Discipline & Group: (Chemical) & (Paints & Enamels)
Ref Standards: ---
Test Method: ISO 2808:2019

Date of Analysis: 06/09/2025
Machine ID: ME/CTG/40

Dry Film Thickness Test — Test No. MA/BH19/2A

Parameter	Result
Dry Film Thickness (Microns)	128 - 134 - 141 - 137 - 131
Dry Film Thickness (Microns) Avg.	134.2

Discipline & Group: (Chemical) & (Paints & Enamels)
Ref Standards: ---
Test Method: ISO 2813:2014

Date of Analysis: 06/09/2025
Machine ID: ME/GLOSS/78

Gloss Test — Test No. MA/BH19/2B

Parameter	Result
Gloss @ 60°	39.7 - 43.5 - 41.9 - 38.3 - 42.1 - 40.6
Average Gloss @ 60°	41.0

Discipline & Group: (Chemical) & (Paints & Enamels)
Ref Standards: ---
Test Method: ISO 2409:2020

Date of Analysis: 06/09/2025
Machine ID: ME/XHC/15

Adhesion Test (X-Hatch / Cross Test) — Test No. MA/BH19/2C

Parameter	Result
Classification	Classification 0
Observation	The edges of the cuts are completely smooth; none of the squares of the lattice is detached.

Checked By: Ravi Tank

Witnessed By:

ULR No. TC612325000013902F

Authorized Signatory
Amit Patel (QM)

While providing the decision rule, measurement uncertainty has been taken into consideration. No additions, deviations, or exclusions have been made from the test method. No external provider has been considered.

* Information given by client.

Note : Sample (S) not drawn by MAPL : • The Report is only refers to particulars sample(s) tested. • Reproduced test report must be verified by the user with original test report. • The Sample (S) will be disposed off within 5 days unless request is given • The Results reported in this report are not meant for public arbitration or as an evidence in legal disputes. • This Test ... prior to testing. • Client has to specify ...

TEST REPORT

Submitted To :Schepper Metal Cellings Pvt Ltd.

13th, B-1301 & 1302, Sivanta One Business Park, Nr Kothavala Flat, Paldi, Ashram Road, Ahmedabad, 380007

Test Report No :MA/BH19/2

Date of Report Issue:01/10/2025

Date of Sample Inward:19/08/2025

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Submited Size: Approx. 50 mm (W) X 50 mm (D) X 1200 mm (L)

Test No. (A, B, C, D)

Discipline & Group: (Chemical) & (Metallic Coatings & Treatment Solutions)

Ref Standards: ---

Test Method: ISO 9227:2022

Date of Analysis: 06/09/2025 To 27/09/2025

Machine ID: ME/PRSS/492

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Salt Spray Test

Test No. MA/BH19/2D

Parameter	Result
Test Solution	5% NaCl + H2O
Test Chamber Temp.	35°C ± 2°C
Saturated Air Barrel Temp.	47°C
Compressed Air Pressure	0.98 kg/cm2
pH of Test Solution	6.5 to 7.2
Exposure Time (Hrs)	500 Hrs.*
Spray Collection (ml/h)	1.0 to 2.0
As Received Condition	Initial Condition
After 24 Hours	No rust was observed.
After 48 Hours	No rust was observed.
After 72 Hours	No rust was observed.
After 96 Hours	No rust was observed.
After 120 Hours	No rust was observed.
After 144 Hours	No rust was observed.
After 168 Hours	No rust was observed.
After 192 Hours	No rust was observed.
After 216 Hours	No rust was observed.
After 240 Hours	No rust was observed.
After 264 Hours	No rust was observed.
After 288 Hours	No rust was observed.
After 312 Hours	No rust was observed.
After 336 Hours	No rust was observed.
After 360 Hours	No rust was observed.
After 384 Hours	No rust was observed.
After 408 Hours	No rust was observed.
After 432 Hours	No rust was observed.
After 456 Hours	No rust was observed.
After 480 Hours	No rust was observed.
After 500 Hours	No rust was observed.

Remarks: *Customer Requirement.

Checked By: Ravi Tank

Witnessed By:

Authorized Signatory

Amit Patel (QM)

ULR No. TC612325000013902F

While providing the decision rule, measurement uncertainty has been taken into consideration. No additions, deviations, or exclusions have been made from the test method. No external provider has been considered.

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Shed No. : 25-26, Nilkanth Avenue, B/h. Palm Hotel, Viratnagar Cross S. P. Ring Road, Odhav, Ahmedabad-382415 (Gujarat, INDIA)

TEST REPORT

Submitted To :Schepper Metal Cellings Pvt Ltd.

13th, B-1301 & 1302, Sivanta One Business Park, Nr Kothavala Flat, Paldi, Ashram Road, Ahmedabad, 380007

Test Report No :MA/BH19/2

Date of Report Issue:01/10/2025

Date of Sample Inward:19/08/2025

***Letter Ref:**By Email

Condition of Sample/Location: Satisfactory

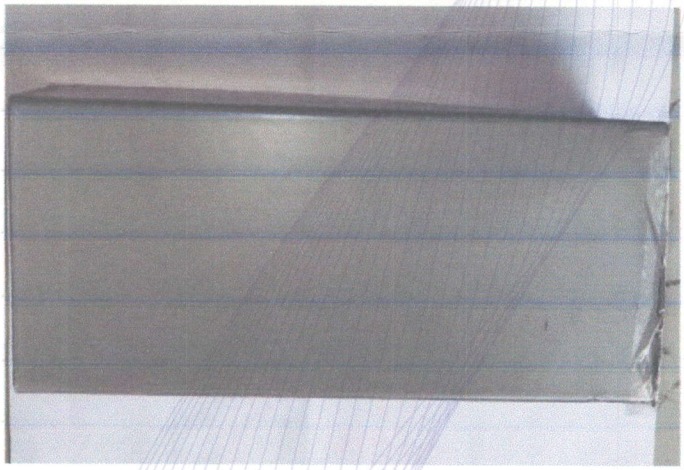
*Sample Details:0.62 mm Approx. Thk. Powder Coated U Shaped Baffle (Schepper Metal Profile), Batch No. of Powder Product: QOC5162013, Colour Code: sw31Bn, Make of Powder Product: AkzoNobel, Grade: D1000.

Submited Size: Approx. 50 mm (W) X 50 mm (D) X 1200 mm (L)

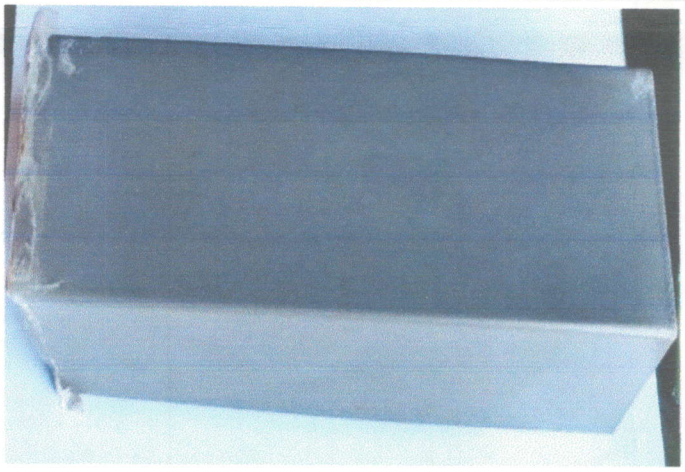
Test No. (A, B, C, D)

Salt Spray Test Image

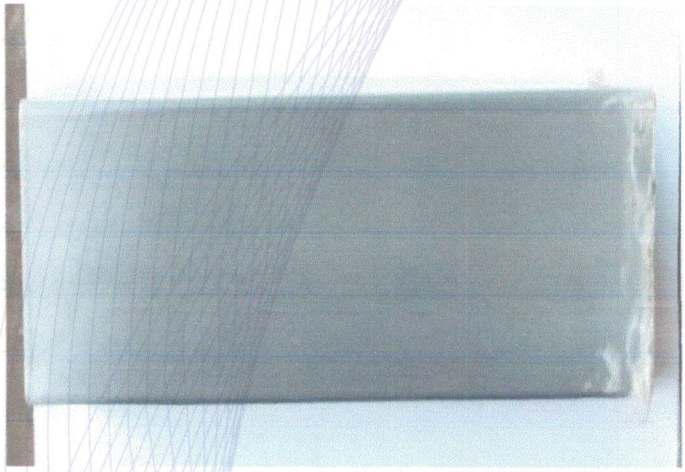
Test No. MA/BH19/2D



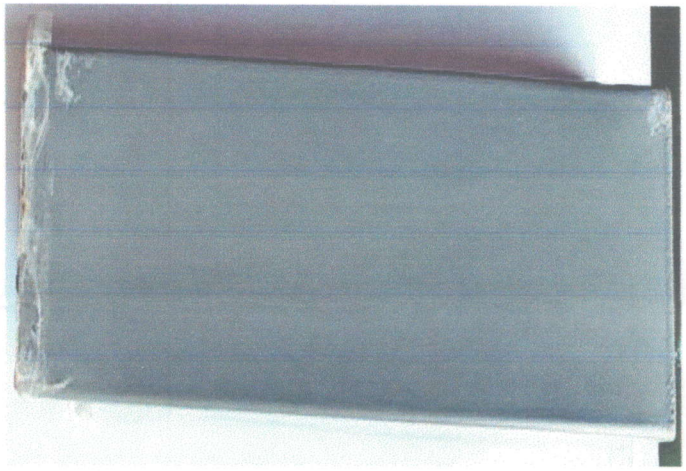
Initial Condition



After 120 Hrs.



After 240 Hrs.



After 500 Hrs.

Checked By: Ravi Tank

Witnessed By:

Authorized Signatory

Amit Patel (QM)

ULR No. TC612325000013902F

While providing the decision rule, measurement uncertainty has been taken into consideration. No additions, deviations, or exclusions have been made from the test method. No external provider has been considered.

** END OF TEST REPORT **

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Note : Sample (S) not drawn by MAPL : • The Report is only refers to particulars sample(s) tested. • Reproduced test report must be verified by the user with original test report. • The Sample (S) will be disposed off within 15 days unless request is given • The Results reported in this report are not meant for public arbitration or as an evidence in legal dispute. • This Test report shall not be reproduced except in full, without written approval from us.

Environmental Private Limited

TEST REPORT

Product Quality Sampling & Analysis

Company Name	Schepper	Sample ID	SQ/26/09/0002/AN
Company Contact Number	76001 65794	Condition of sample	Satisfactory
Address	B1301 1302, Sivanta One, Opp Nalli Saree Showroom, Pritamnagar, Paldi,Ahmedabad, Gujarat - 380007	Sample Drawn By	Customer
		Quantity of Sample	1 Plate
		Sampling Method	ISO 16000-3 & ISO 2592
Date & Time of Sampling	03-09-2026	Date of Sample Received	03-09-2026
Analysis Starts Date	03-09-2026	Analysis Completion Date	08-09-2026
Sample Description	Galvanized Steel Carrier Coil Coated	Temperature/ Humidity during testing	Temp.- 25-29 deg C / Humidity <50 %
Report Date:	08-09-2026	**Report Code:**	SWA/LAB/03/09/2026/SQ/26/09/0002/AN

S.No.	PARAMETERS	UNIT	RESULTS	Regulatory Limit	Remarks	Testing Method/ Standard
1	Formaldehyde	ppm	BDL(MDL<1)			IS 17118 : Part 3 : 2022 (ISO 16000-3: 2011)
2	Flash Point	^{o}C	>620			IS 1448 :Part 69 :2019(ISO 2592 :2017)Rea. : 2024

Supervised By :	Harshad Salvi	**Authorized Signatory :**	Pankaj Gothi
Signature :	Harshad	**Signature :**	Pankaj
Designation :	**Technical Manager/COO Lab**	**Designation :**	**Quality Manager/CEO**

Notes:

1. The report shall not be reproduced except in full without approval of the laboratory can provide assurance that parts of a report are not taken out of context.

2. The results relate only to the items tested and sampled

3. Additions to, deviations, or exclusions from the method- NA

*4. Results which were outsourced to external providers are marked with ** and results which are performed and not in NABL accrediation scope are marked with * in parameter column*

5. Disclaimer: When the information is supplied by the customer and can affect the validity of results

6. Disclaimer: The report that the results apply to the sample as received in case of the sample has been supplied by customer

7. Disclaimer: The laboratory shall be responsible for all the information provided in the report, except when information is provided by the customer

8. Regulatory limit reference if any:- As per Hazardous Waste Management Rules, 2016 (SCHEDULE II)

9. Opinion, Interpretation & Statement of Conformity if provided can be refered in the remarks section as "Permissible" "Below acceptable" or whatever is applicable as per the limit

10. BDL : Below Detection Limit | R1: Revised report and the number of that times revised

---------- End of the Test Report ----------

SWA ENVIRONMENTAL PRIVATE LIMITED AHMEDABAD

Environmental Private Limited

TEST REPORT

Product Quality Sampling & Analysis

Company Name	Schepper	Sample ID	SQ/26/09/0003/AN
Company Contact Number	76001 65794	Condition of sample	Satisfactory
Address	B1301 1302, Sivanta One, Opp Nalli Saree Showroom, Pritamnagar, Paldi,Ahmedabad, Gujarat - 380007	Sample Drawn By	Customer
		Quantity of Sample	1 Plate
		Sampling Method	ISO 16000-3 & ISO 2592
Date & Time of Sampling	03-09-2026	Date of Sample Received	03-09-2026
Analysis Starts Date	03-09-2026	Analysis Completion Date	08-09-2026
Sample Description	Galvanized Steel Panel With Power coating(**Colour - King Champagne:Batch No - 4354326**)	Temperature/ Humidity during testing	Temp.- 25-29 deg C / Humidity <50 %
Report Date:	08-09-2026	**Report Code:**	SWA/LAB/03/09/2026/SQ/26/09/0003/AN

S.No.	PARAMETERS	UNIT	RESULTS	Regulatory Limit	Remarks	Testing Method/ Standard
1	Formaldehyde	ppm	BDL(MDL<1)			IS 17118 : Part 3 : 2022 (ISO 16000-3: 2011)
2	Flash Point	^{o}C	>620			IS 1448 :Part 69 :2019(ISO 2592 :2017)Rea. : 2024

Supervised By :	Harshad Salvi	**Authorized Signatory :**	Pankaj Gothi
Signature :	Harshad	**Signature :**	Pankaj
Designation :	**Technical Manager/COO Lab**	**Designation :**	**Quality Manager/CEO**

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SWA ENVIRONMENTAL PRIVATE LIMITED AHMEDABAD

Environmental Private Limited

TEST REPORT

Product Quality Sampling & Analysis

Company Name	Schepper	Sample ID	SQ/26/09/0001/AN
Company Contact Number	76001 65794	Condition of sample	Satisfactory
Address	B1301 1302, Sivanta One, Opp Nalli Saree Showroom, Pritamnagar, Paldi,Ahmedabad, Gujarat - 380007	Sample Drawn By	Customer
		Quantity of Sample	1 Plate
		Sampling Method	ISO 16000-3 & ISO 2592
Date & Time of Sampling	03-09-2026	Date of Sample Received	03-09-2026
Analysis Starts Date	03-09-2026	Analysis Completion Date	08-09-2026
Sample Description	Aluminium Panel With Powder Coating **Grey(color - Yw-361 N :Batch Nnumber - QU25344004)**	Temperature/ Humidity during testing	Temp.- 25-29 deg C / Humidity <50 %
Report Date:	08-09-2026	**Report Code:**	SWA/LAB/03/09/2026/SQ/26/09/0001/AN

S.No.	PARAMETERS	UNIT	RESULTS	Regulatory Limit	Remarks	Testing Method/ Standard
1	Formaldehyde	ppm	BDL(MDL<1)			IS 17118 : Part 3 : 2022 (ISO 16000-3: 2011)
2	Flash Point	^{o}C	>600			IS 1448 :Part 69 :2019(ISO 2592 :2017)Rea. : 2024

Supervised By :	Harshad Salvi	**Authorized Signatory :**	Pankaj Gothi
Signature :		**Signature :**	
Designation :	**Technical Manager/COO Lab**	**Designation :**	**Quality Manager/CEO**

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10. BDL : Below Detection Limit | R1: Revised report and the number of that times revised

---------- End of the Test Report ----------

SWA ENVIRONMENTAL PRIVATE LIMITED AHMEDABAD

Test Report Issue To:
Schepper Metal Ceilings Private Limited
B1301-1302 Sivanta One Business Park, Pritamnagar, Paldi, Ahmedabad-380007

Test Report No : I250822001-3
Date of Issue: 09/09/2025
Sample Booking/Receipt : 22/08/2025
Date of Start of Testing: 08/09/2025
Date of Completion of Test: 08/09/2025

Customer Relationship Number : A1120831

Sample Description :
U Baffle Linear Metal Ceiling

Kind Attention: Mr. Harish Nagrajbhai Padmashali
E-Mail: info@schepper.in
Contact No: 8866870629

Customer Reference Number :

Sample Drawn By : Test Sponser

Laboratory certified by CERTIFER

ilac-MRA

TC-10383

ULR No: TC1038325000000499F

IGNITO LABS PVT. LTD. Authorised Signatory Faridabad, Haryana

Kaushal Kumar Thakur
Reviewed & Authorized By

This is Digitally Signed Report and hence doesn't require Physical Signature

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Sandeep Kumar Yadav
(Tested By)

TC-10383

ULR No: TC103832500000049 9F

IGNITO LABS PVT. LTD. Authorised Signatory Faridabad, Haryana

Kaushal Kumar Thakur
(Reviewed & Authorized By)

1. INTRODUCTION

Determination of the compliance of **U Baffle Linear Metal Ceiling** for **A1** classification according to: **EN 13501-1:2018;** Fire classification of construction products and building elements - Part 1: Classification using data from reaction to fire tests.

2. TEST METHODS & REFERENCES

EN 13501-1:2020; Fire classification of construction products and building elements - Part 1: Classification using data from reaction to fire tests.
ISO 1182:2020; Reaction to fire tests for products — non-combustibility test
ISO EN 13238:2010; Reaction to fire tests for building products. Conditioning procedures and general rules for selection of substrates.
ISO 1716:2018; Reaction to fire tests for products — Determination of the gross heat of combustion (calorific value)

3. DATE OF TEST

Fire Test Date: 08.09.2025

4. SPECIMEN DETAIL

Specimen Detail (Declared by Test Sponsor)	
Product Type	Metal False Ceiling System
Manufacturer Name/ Test Sponsor	**Schepper Metal Ceilings Private Limited** Shade no. 5, Plot no. 202, B/d Tathastu Party Plot, SP Ring Road, Ognaj, Ahmedabad, Gujarat 380060.
Generic Name	Suspended Metal Ceiling System
Product Name	**U Baffle Linear Metal Ceiling**
Sheet Material	Galvanized Iron(GI)
Thickness	Sheet Thickness-0.50mm (including Powder Coating Thickness) Overall product thickness-50mm
Mass Per Unit Area	3.8325- 3.8925 kg/m^2 (both side powder coat)
Density/Specific Gravity	7850 kg/m^3
Color	Grey (AkzoNobel D1000 Grade)
Exposed Face	Both faces were similar, one of the faces was exposed to fire
Form of Specimen	Profiles

5. SPECIMEN CONSTRUCTION/PREPARATION

Specimen preparation was done by laboratory. Sample preparation detail is shared below.

A. For Non combustibility Test

Number of pieces of size 45mm in diameter has been prepared from the supplied profile. Pieces were stack together to form specimen height of 50mm.

B. For Gross Calorific value test

3 specimens of 1g each were prepared by cutting it from the Profiles.

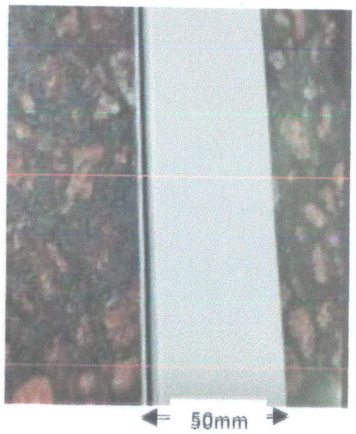
Sandeep Kumar Yadav
(Tested By)

TC-10383

ULR No: TC1038325000000499F

IGNITO LABS PVT. LTD. Authorised Signatory Faridabad, Haryana

Kaushal Kumar Thakur
(Reviewed & Authorized By)





6. PRE-TEST PROCEDURE

6.1. Verification of the Test Specimen

Ignito Labs was not involved in the selection of the specimen. Test specimen was supplied by the sponsor of test.

6.2. Conditioning

The specimens were conditioned till constant mass at a temperature of 23±2°C and relative humidity of 50±5%. The specimens for non-combustibility test were stored at a temperature of 60±5°C for 24 Hours before testing. Test were performed at ambient laboratory atmosphere.

7. FIRE TEST PROCEDURE

7.1 Parameter: Non-combustibility

Test Method: ISO 1182:2020

1 specimen of size 45mm in diameter and 50mm in length has been weighed and one thermocouple was fixed in contact with the surface of specimen at mid height of the specimen length. Specimen is then inserted into the center of Tube furnace which is maintained at a temperature of 750°C. Parameters like surface temperature rise, furnace temperature rise, duration of flaming and other relevant parameters were monitored and recorded during the test duration of 30 minutes. After cooling of specimen to ambient temperature in desiccator it is reweighed. Test for 4 more specimens performed in same manner and results were recorded.

7.2 Parameter: Gross Heat of Combustion

Test Method: ISO 1716:2018

1g of specimen is taken into the cell which is then filled with oxygen to given oxygen rich ambient for ignition. Spark is generated near the specimen for its ignition. Temperature rise of test cell water jacket is recorded and the values of GCV and PCS were recorded. Procedure is repeated for 2 more specimens.

Sandeep Kumar Yadav
(Tested By)

TC-10383

ULR No: TC1038325000000499F

IGNITO LABS PVT. LTD. Authorised Signatory Faridabad, Haryana

Kaushal Kumar Thakur
(Reviewed & Authorized By)

8. OBSERVATIONS

8.1. Pre -Test Observations

The specimen was found satisfactory and fit to be tested.

8.2. Test Observations

Parameters	Specimen			Mean
	S-1	S-2	S-3	
Mass in g	1.001	0.998	1.001	-
Gross Heat of Combustion Q_{PCS} in MJ/Kg	0.5	0.8	0.7	0.6

Number of specimens tested	5

Parameter	S1	S2	S3	S4	S5	Mean
Initial Mass, in g	283.2	286.1	279.8	281.5	282.4	-
Final Mass, in g	265.8	269.4	261.8	264.7	262.1	-
Mass Loss Δ m, in %	6.1	5.8	6.4	6.0	7.2	6.3
Initial Furnace Temperature $T_{i(Furnace)}$, in °C	752.1	750.1	749.8	750.2	748.7	-
Maximum Furnace Temperature $T_{m(Furnace)}$, in °C	771.8	776.8	775.4	776.2	772.1	-
Final Furnace Temperature $T_{f(Furnace)}$, in °C	750.2	750.2	749.8	750.2	749.7	-
Furnace Temperature Rise $T_{r(Furnace)}$, in °C	21.6	26.6	25.6	26	22.4	24.4
Maximum Surface Temperature $T_{m(Surface)}$, in °C	768.2	768.5	767.4	768.1	768.2	-
Final Surface Temperature $T_{m(Surface)}$, in °C	749.8	750.2	750.2	750.2	748.1	-
Specimen Surface Temperature Rise $T_{r(Surface)}$, in °C	18.4	18.3	17.2	17.9	20.1	18.4
Duration of Sustained Flaming t_f, in second	35	37	40	55	53	44

9. SUMMARY OF RESULTS

Specimen has been tested as per **ISO 1182** and **EN ISO 1716** and evaluated in accordance with **EN 13501-1** for **A1** classification. Tested specimen is not meeting the requirements of **A1** as per **EN 13501-1:2018**

Parameter	Requirements of A1 Class of EN 13501-1:2018	Observed Results	Conformity (Confirm/Does not confirm)
A. Gross Heat of combustion			
Gross Heat of Combustion Q_{PCS} in MJ/Kg	≤2	0.6	**Confirm**
B. Non-Combustibility Test			
Mass Loss Δ m, in %	≤50	6.3	**Confirm**
Average Furnace Temperature Rise $T_{ave\ r\ (furnace)}$, in °C	≤30	24.4	**Confirm**
Average Surface Temperature Rise $T_{ave\ r\ (surface)}$, in °C	≤30	18.4	**Confirm**
Duration of Sustained Flaming T_f, in second	0	44	**Does not Confirm**

Sandeep Kumar Yadav
(Tested By)

TC-10383

ULR No: TC1038325000000499F

IGNITO LABS PVT. LTD. Authorised Signatory Faridabad, Haryana

Kaushal Kumar Thakur
(Reviewed & Authorized By)

10. CLASSFICIATION CRITERIA

Classes of reaction to fire performance for construction products excluding floorings and linear pipe thermal insulation products

Class	Test method(s)		Classification criteria	Additional classification
A1	EN ISO 1182 [a] and		ΔT 30°C, and Δm 50%, and tf=0(i.e. no sustained flaming)	-
	EN ISO 1716		*PCS* 2.0MJ/kg [a] and *PCS* 2.0MJ/kg [b c] and *PCS* 1.4MJ/m^2 [d] and *PCS* 2.0MJ/kg [e]	-
A2	EN ISO 1182 [a] or	and	ΔT 50°C, and Δm 50%, and tf 20 s	-
	EN ISO 1716		*PCS* 3.0MJ/kg [a] and *PCS* 4.0MJ/m^2 [b] and *PCS* 4.0MJ/m^2 [d] and *PCS* 3.0MJ/kg [e]	-
	EN 13823		*FIGRA* 120W/s and *LFS*<edge of specimen and *THR*600s 7.5MJ	Smoke production [f] and Flaming droplets/particles [g]
B	EN 13823 and		FIGRA 120W/s and LFS<edge of specimen and THR600s 7.5MJ	Smoke production f and Flaming droplets/particles [g]
	EN ISO 11925-2 [l] Exposure =30s		Fs 150mm within 60 s	
C	EN 13823 and		FIGRA 250W/s and LFS<edge of specimen and THR600s 15MJ	Smoke production f and Flaming droplets/particles [g]
	EN ISO 11925-2 [l] Exposure=30s		Fs 150mm within 60 s	
D	EN 13823 and		FIGRA 750W/s	Smoke production f and Flaming droplets/particles [g]
	EN ISO 11925-2 [l] Exposure=30s		Fs 150mm within 60 s	
E	EN ISO 11925-2 [l] Exposure =15s		Fs 150mm within 20 s	flaming droplets/particles [h]
F	No performance determined			

[a] For homogeneous products and substantial components of non-homogeneous products.

[b] For any external non-substantial component of non-homogeneous products.

[c] Alternatively, any external non-substantial component having a PCS 2,0 MJ/m^2, provided that the product satisfies the following criteria of EN 13823: FIGRA 20 W/s, and LFS < edge of specimen, and THR600s 4,0 MJ, and s1, and d0.

[d] For any internal non-substantial component of non-homogeneous products.

[e] For the product as a whole.

Sandeep Kumar Yadav
(Tested By)

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[f] In the last phase of the development of the test procedure, modifications of the smoke measurement system have been introduced, the effect of which needs further investigation. This may result in a modification of the limit values and/or parameters for the evaluation of the smoke production.

s1 = SMOGRA $30 m^2/s^2$ and TSP600s $50 m^2$; s2 = SMOGRA $180 m^2/s^2$ and TSP600s $200 m^2$; s3 = not s1 or s2

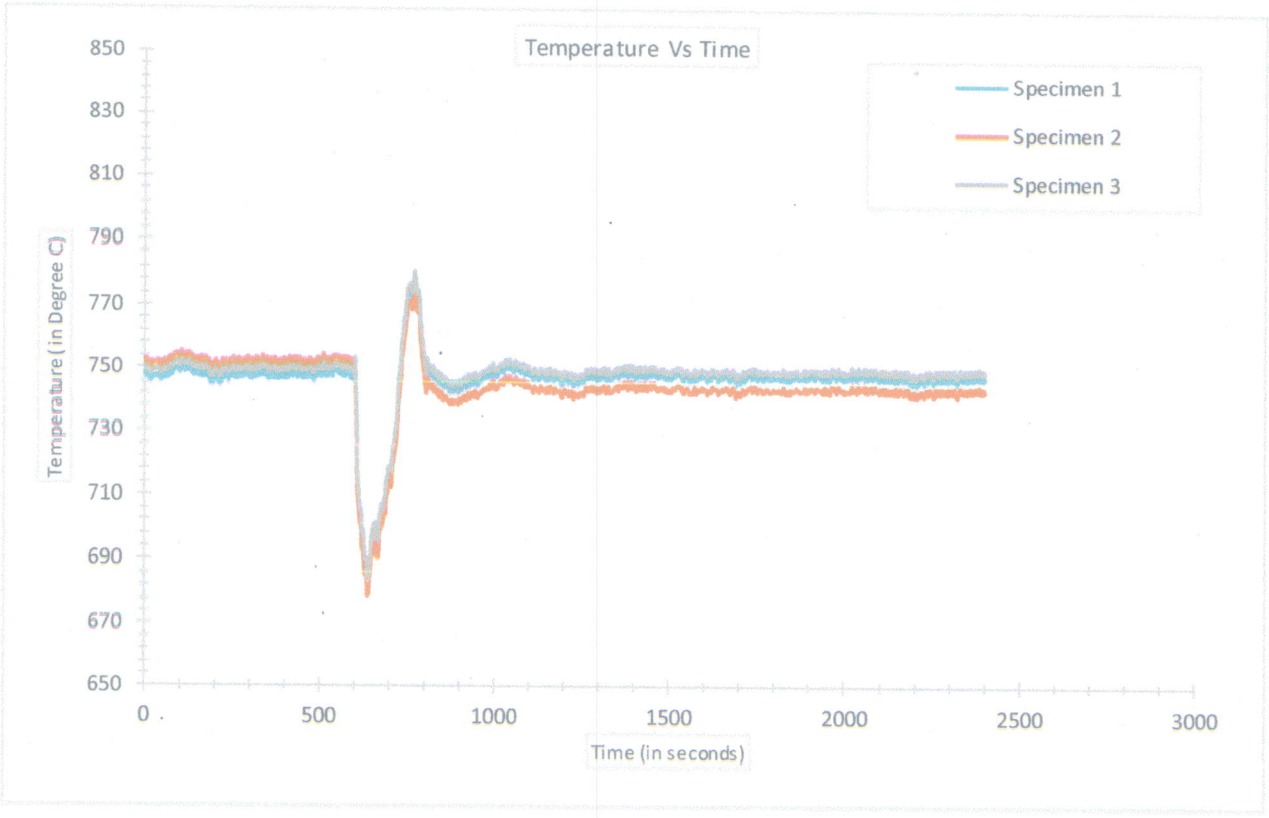
[g] d0 = No flaming droplets/ particles in EN 13823 within 600 s;

d1 = no flaming droplets/ particles persisting longer than 10 s in EN 13823 within 600 s; d2 = not d0 or d1. Ignition of the paper in EN ISO 11925-2 results in a d2 classification.

[h] Pass = no ignition of the paper (no classification); Fail = ignition of the paper (d2 classification).

[i] Under conditions of surface flame attack and, if appropriate to the end–use application of the product, edge flame attack.

11. GRAPHS



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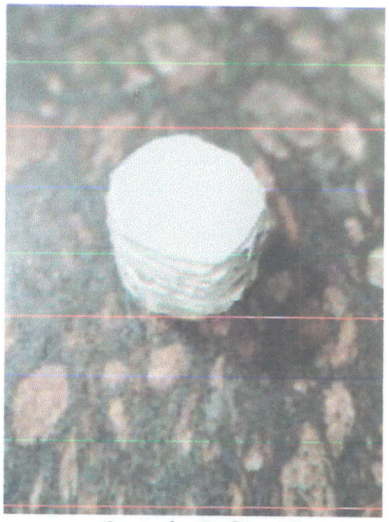
12. PHOTOS



Sample Before Test



Sample After Test

13. LIMITATION

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test, they are not intended to the sole criterion for assessing the potential fire hazard of the product in use.

User is advised to verify each aspect of installation followed at site and carefully observe if this report mentions same installation method.

----------End of Test Report----------

Sandeep Kumar Yadav
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Terms & Condition:

- The results are related only to the items Tested
- Total Liability of our Laboratory is limited to the invoiced Amount. No Liability will be accepted after Sample is taken back
- The Sample Description is given "As desired by the customers". Sample not drawn by us & Analysis Conducted on Received sample unless specified otherwise.
- Retained sample will be destroyed after 30 days from the date of issue of the test report unless instructed otherwise.
- Any Complaints or Retest request should be communicated within 15 days from the issue of the Test report.
- Test Report shall not be reproduced except in full, without Written approval of the Laboratory
- The Test report is not to be reproduced wholly or in parts & cannot be used as an evidence in a court of law & shall not be used in advertising media without our permission in writing.

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A2 S1 DO

IGNITO FIRE TESTING LAB

TEST REPORT

Test Report Issue To:
Schepper Metal Ceilings Private Limited
B1301-1302 Sivanta One Business Park, Pritamnagar, Paldi, Ahmedabad-380007

Test Report No : AI250822001-1
Date of Issue: 05/11/2025
Sample Booking/Receipt : 22/08/2025
Date of Start of Testing: 28/08/2025
Date of Completion of Test: 28/08/2025

Customer Relationship Number : A1120831

Sample Description :
U Baffle Linear Metal Ceiling

Kind Attention: Mr. Harish Nagrajbhai Padmashali
E-Mail: info@schepper.in
Contact No: 8866870629

Amendment Report Issued to Report Number I250822001-1
Amendment Includes addition of Specimen Paint Details in Clause No. 04 & Specimen Installation Procedure in Clause No. 05

Customer Reference Number :

Sample Drawn By : Test Sponser

Laboratory certified by CERTIFER

ilac-MRA

TC-10383

ULR No: TC1038325000000496F

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Kaushal Kumar Thakur
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This is Digitally Signed Report and hence doesn't require Physical Signature

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1. INTRODUCTION

Determination of the compliance of **U Baffle Linear Metal Ceiling** for **A2 S1 D0** classification according to **EN 13501-1:2018;** Fire classification of construction products and building elements - Part 1: Classification using data from reaction to fire tests.

2. TEST METHODS & REFERENCES

EN 13501-1:2018; Fire classification of construction products and building elements - Part 1: Classification using data from reaction to fire tests.

BS EN 13823:2020+A12022; Reaction to fire tests for building products. Building products excluding floorings exposed to the thermal attack by a single burning item.

BS EN 13238:2010; Reaction to fire tests for building products. Conditioning procedures and general rules for selection of substrates.

ISO 1716:2018; Reaction to fire tests for products — Determination of the gross heat of combustion (calorific value)

3. DATE OF TEST

Specimen Installation Date	28.08.2025
Installed By	Test Laboratory
Testing Date	28.08.2025

4. SPECIMEN DETAIL

All details given below are declared by test sponsor.

Product Type	Metal False Ceiling System
Manufacturer Name and address/Test Sponsor	**Schepper Metal Ceilings Private Limited** Shade no. 5, Plot no. 202, B/d Tathastu Party Plot, SP Ring Road, Ognaj, Ahmedabad, Gujarat 380060
Generic Name	Suspended Metal Ceiling System
Product Name	**U Baffle Linear Metal Ceiling**
Sheet Material	Galvanized Iron (GI)
Specimen Size	1000x1500mm and 500x1500mm (BS EN 13823:2020+A12022) 1 gram (ISO 1716:2018)
Thickness	Sheet thickness-0.50mm (including Powder Coating Thickness) Overall Product thickness-50mm
Mass Per Unit Area	3.8325- 3.8925 kg/m^2 (both side powder coat)
Density/Specific Gravity	7850 kg/m^3
Paint details	Color: Grey (AkzoNobel D1000 Grade), Thickness: 70-micron, Organic Content: 70-80 %
Exposed Face	Both faces of specimen were not similar. Front face was exposed to fire.
Form of Construction of Specimen	Profile
Substrate Used & Method of fixing to substrate	Specimen were tested on as received basis. No Substrate was used.

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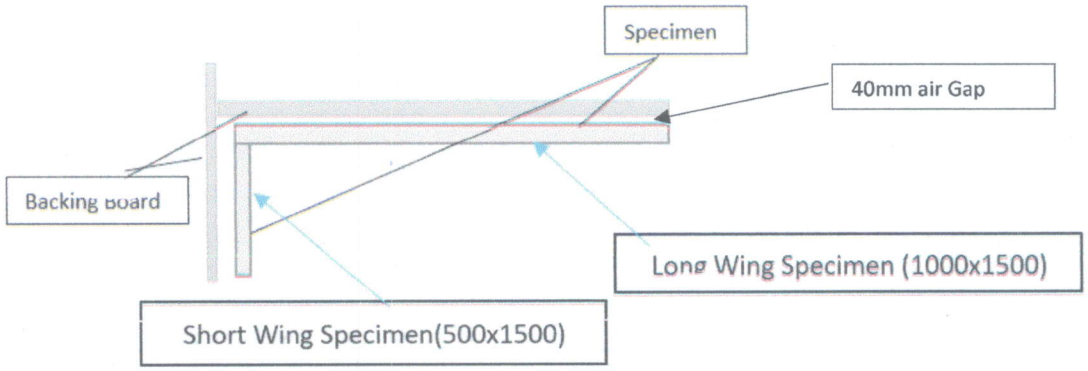
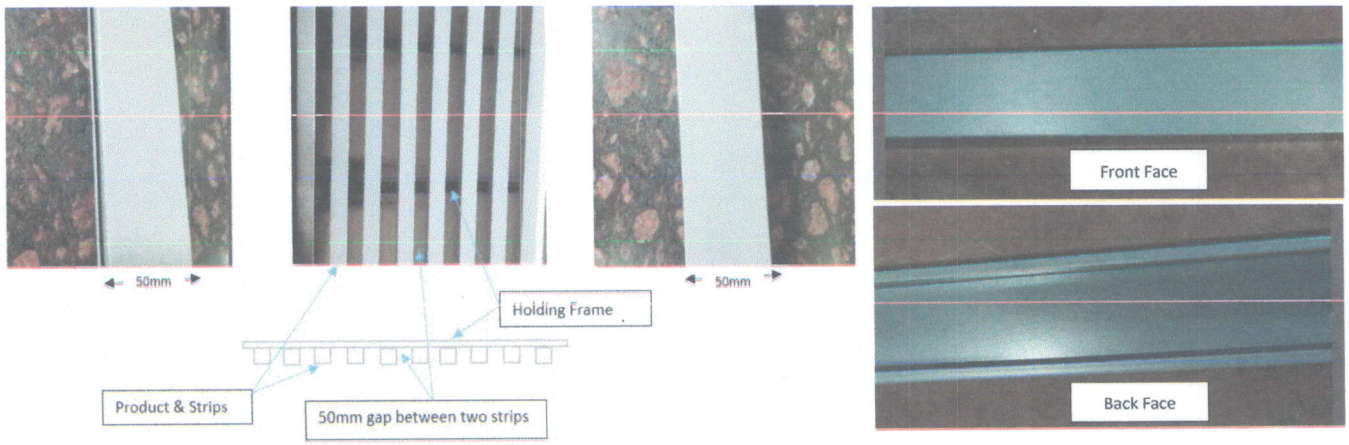
5. SPECIMEN INSTALLATION

Test specimen has been installed and mounted by testing laboratory, Installation and mounting is done as per clause 5.2.1 of EN 13823 as decided by test sponsor.

Mounting of specimen (*Mounting as in end use application as per clause 5.2.1 of EN 13823/standard mounting as per clause 5.2.2 of EN 13823*)	Standard mounting as per clause 5.2.2 of EN 13823. Product specification EN 13964:2014(Annexure I) followed for installation
Any product specification/standard followed for installation of test specimen (Yes/No), *if yes please specify*	EN 13964:2014
Vertical Joint simulated in test (Yes/No)	No
Horizontal joint simulated in test (Yes/No)	No

Test specimens of size 500mm in width and 1500mm in length for short wing and 1000mm in width and 1500mm in length for long wing were supplied by test sponsor. Test specimen was installed in the test rig as shown in Figure 1.





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6. PRE-TEST PROCEDURE

6.1. Verification of the Test Specimen

Ignito Labs was not involved in the selection or sampling of the specimen. Test specimen was supplied by the sponsor of test.

6.2. Conditioning & Test Conditions

Conditioning: The specimens were conditioned till constant mass for 48 hours at a temperature of 23±2^{0}C and relative humidity of 50±5%.
Test conditions: The test was performed at a temperature of 24.1^{0}C and relative humidity of 49%.

7. FIRE TEST PROCEDURE

7.1 Parameter: $FIGRA_{0.2MJ}$, $FIGRA_{0.4MJ}$, SMOGRA, TSP_{600s}, THR_{600s}

Test Method: BS EN 13823:2020+A12022

3 specimens were tested, formed from two wings i.e, short wing and long wing of overall dimensions 500 mm x 1500 mm and 1000 mm x 1500 mm respectively.

The tests were performed in the equipment called SBI (Single Burning Item), which consists of a test chamber, a test trolley and the smoke extraction system.
The test principle is to expose the two wings of the test material in a vertical position in right angle to a burner located in the lower corner (main burner). The flames are obtained by combustion of propane gas, injected through a sand bed with an output power (30.7 ± 2.0) kW.

The behavior of the sample is evaluated over a period of 20 minutes, determining performance parameter such as heat emission, smoke production, lateral spread of flame and drop inflamed particles.
A short time before the main burner ignition is used to quantify heat and smoke produced only by the burner, using an identical burner away from the sample and called auxiliary burner. Measurements are taken automatically and by visual observation. The extraction pipe is equipped with sensors for measuring the temperature, attenuation of light, the molar fraction of oxygen and carbon dioxide, and the flow induced by the pressure difference. These parameters are recorded automatically and used to calculate the volume flow, the energy release (HRR) and smoke production rate (SPR).
Parameters recorded

- **$FIGRA_{0.2MJ}$** (W/s): Maximum value of coefficient of heat release rate for the sample and the moment is started, using a threshold THR (amount of heat evolved) of 0.2 MJ.
- **$FIGRA_{0.4MJ}$** (W/s): Maximum value of coefficient of heat release rate for the sample and the moment is started, using a threshold THR (amount of heat evolved) of 0.4 MJ.
- **THR_{600s}** (MJ): Total amount of heat released from the sample in the first 600 seconds of the start of exposure by main burner.
- LSF edge: Lateral flame spread along the long wing of the sample.
- Droplets or flamed particles with inflammation times higher or lower than 10 seconds.
- **SMOGRA** (m^2/s^2): The rate at which smoke production increases during the full 20-minute exposure period.
- **TSP_{600s}** (m^2): Total smoke production during the first 600 s of the start of exposure by main burner.

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7.2 Parameter: Gross Heat of Combustion

Test Method: ISO 1716:2018

1g of specimen is taken into the cell which is then filled with oxygen to given oxygen rich ambient for ignition. Spark is generated near the specimen for its ignition. Temperature rise of test cell water jacket is recorded and the values of GCV and PCS were recorded. Procedure is repeated for 2 more specimens.

8. OBSERVATIONS

8.1. Pre -Test Observations

The specimen was found satisfactory and fit to be tested.

8.2. Test Observations

8.2.1 Observations of Single Burning Items test as per EN 13823

Parameters	Specimen			Mean
	S-1	S-2	S-3	
FIGRA$_{0.2MJ}$ (W/s)	55.80	46.36	49.30	**50.48**
FIGRA$_{0.4MJ}$ (W/s)	55.82	46.39	49.32	**50.51**
THR$_{600s}$ (MJ)	2.79	2.25	2.27	**2.43**
SMOGRA (m^2/s^2)	8.11	7.51	7.96	**7.86**
TSP$_{600s}$	31.79	37.36	38.25	**35.8**
LFS to edge	No	No	No	-
Flaming Droplet/ Particles ≥10s within the first 600 seconds (Yes/No)	No	No	No	-
Flaming Droplet/ Particles ≤10s within the first 600 seconds (Yes/No)	No	No	No	-
Time of Flaming, s	NA	NA	NA	-
Occurrence of a surface flash (Yes/No)	No	No	No	-
Smoke not entering the hood during test, but flowing out of the trolley into the surrounding testing room (Yes/No)	No	No	No	-
Falling of parts of the specimen (Yes/No)	No	No	No	-
Development of gap in the corner (Failure of mutual fixing of backing boards) (Yes/No)	No	No	No	-
Early termination of test (Yes/No), if yes then specify reason	No	No	No	-
Occurrence of distortion or collapse of the specimen	No	No	No	-

8.2.2 Observations of Gross Calorific Value test as per ISO 1716

Parameters	Lengthwise Specimen			Mean
	S-1	S-2	S-3	
Mass in g	1.001	0.998	1.001	-
Gross Heat of Combustion of whole product Q_{PCS} in MJ/Kg	0.5	0.8	0.7	0.7
Gross Heat of Combustion of Paint Q_{PCS} in MJ/m^2	1.33	1.52	1.52	1.46

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9. CONFORMITY

Specimen has been tested as per **EN 13823** and **ISO 1716** and evaluated in accordance with **EN 13501-1** for **A2 S1 D0** classification. Tested specimen is meeting the requirements of **A2 S1 D0** as per **EN 13501-1:2018.**

Parameter	Requirements of A2 S1 D0 Class of EN 13501-1:2018	Observed Results	Conformity (Confirms/Does not confirms)
A. Single Burning Item Test			
$FIGRA_{0.2MJ}$ (W/s)	≤120W/s	50.48	**Confirms**
THR_{600}(MJ)	≤7.5MJ	2.43	**Confirms**
SMOGRA (m^2/s^2)	≤30m^2/s^2	7.86	**Confirms**
TSP_{600s}	≤50m^2	35.8	**Confirms**
LFS to edge	No LFS to edge	No LFS to edge	**Confirms**
B. Gross Heat of combustion			
Complete Product Q_{PCS} in MJ/Kg	≤3MJ/Kg	0.7	**Confirms**
Paint	≤4MJ/m^2	1.46	**Confirms**

Fire behaviour		Smoke Production			Flaming Droplets	
A2	-	s	1	,	d	0

Reaction to fire classification: A2-s1, d0

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10. CLASSIFICIATION CRITERIA

Classes of reaction to fire performance for construction products excluding floorings and linear pipe thermal insulation products are given below

Class	Test method(s)	Classification criteria	Additional classification
A1	EN ISO 1182 [a] and	ΔT 30°C, and, Δm 50%, and tf=0(i.e. no sustained flaming)	
	EN ISO 1716	*PCS* 2.0MJ/kg [a] and *PCS* 2.0MJ/kg [b c] and *PCS* 1.4MJ/m^2 [d] and *PCS* 2.0MJ/kg [e]	
A2	EN ISO 1182 [a] or EN ISO 1716 and	ΔT 50°C, and, Δm 50%, and tf 20 s	
		PCS 3.0MJ/kg [a] and *PCS* 4.0MJ/m^2 [b] and *PCS* 4.0MJ/m^2 [d] and *PCS* 3.0MJ/kg [e]	
	EN 13823	*FIGRA* 120W/s and *LFS*<edge of specimen and *THR*600s 7.5MJ	Smoke production [f] and Flaming droplets/particles [g]
B	EN 13823 and	FIGRA 120W/s and LFS<edge of specimen and THR600s 7.5MJ	Smoke production f and Flaming droplets/particles [g]
	EN ISO 11925-2 [i] Exposure =30s	Fs 150mm within 60 s	
C	EN 13823 and	FIGRA 250W/s and LFS<edge of specimen and THR600s 15MJ	Smoke production f and Flaming droplets/particles [g]
	EN ISO 11925-2 [i] Exposure=30s	Fs 150mm within 60 s	
D	EN 13823 and	FIGRA 750W/s	Smoke production f and Flaming droplets/particles [g]
	EN ISO 11925-2 [i] Exposure=30s	Fs 150mm within 60 s	
E	EN ISO 11925-2 [i] Exposure =15s	Fs 150mm within 20 s	flaming droplets/particles [h]
F	No performance determined		

[a] For homogeneous products and substantial components of non-homogeneous products.

[b] For any external non-substantial component of non-homogeneous products.

[c] Alternatively, any external non-substantial component having a PCS 2,0 MJ/m^2, provided that the product satisfies the following criteria of EN 13823: FIGRA 20 W/s, and LFS < edge of specimen, and THR600s 4,0 MJ, and s1, and d0.

[d] For any internal non-substantial component of non-homogeneous products.

[e] For the product as a whole. [f] In the last phase of the development of the test procedure, modifications of the smoke measurement system have been introduced, the effect of which needs further investigation. This may result in a modification of the limit values and/or parameters for the evaluation of the smoke production. s1 = SMOGRA 30m^2/s^2 and TSP600s 50m^2; s2 = SMOGRA 180m^2/s^2 and TSP600s 200m^2; s3= not s1 or s2.

[g] d0 = No flaming droplets/ particles in EN 13823 within 600 s; d1 = no flaming droplets/ particles persisting longer than 10 s in EN 13823 within 600 s; d2 = not d0 or d1. Ignition of the paper in EN ISO 11925-2 results in a d2 classification.

[h] Pass = no ignition of the paper (no classification); Fail = ignition of the paper (d2 classification). [i] Under conditions of surface flame attack and, if appropriate to the end–use application of the product, edge flame attack.

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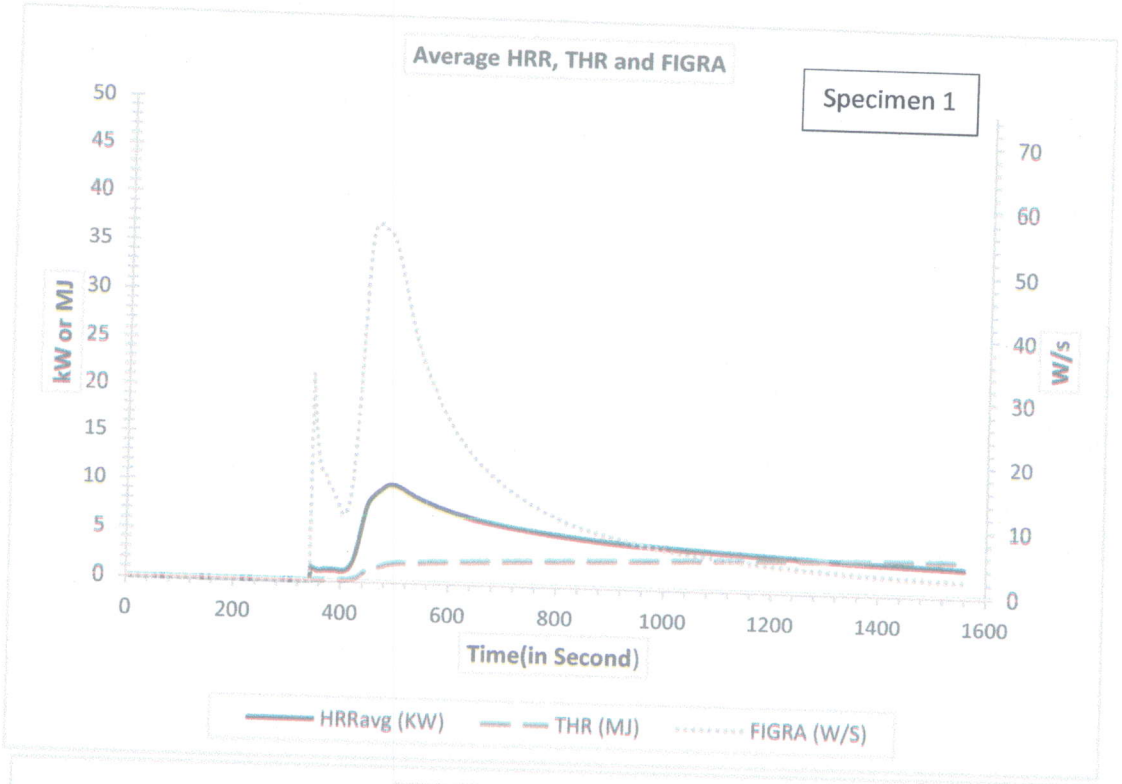
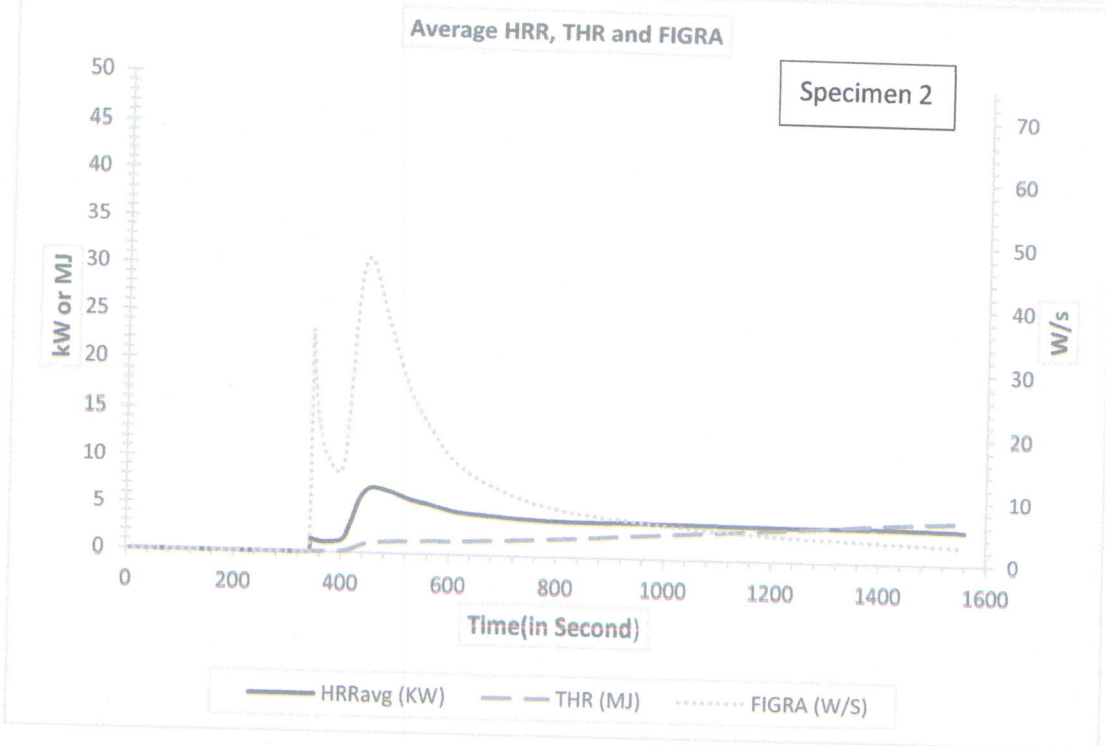
11. GRAPHS





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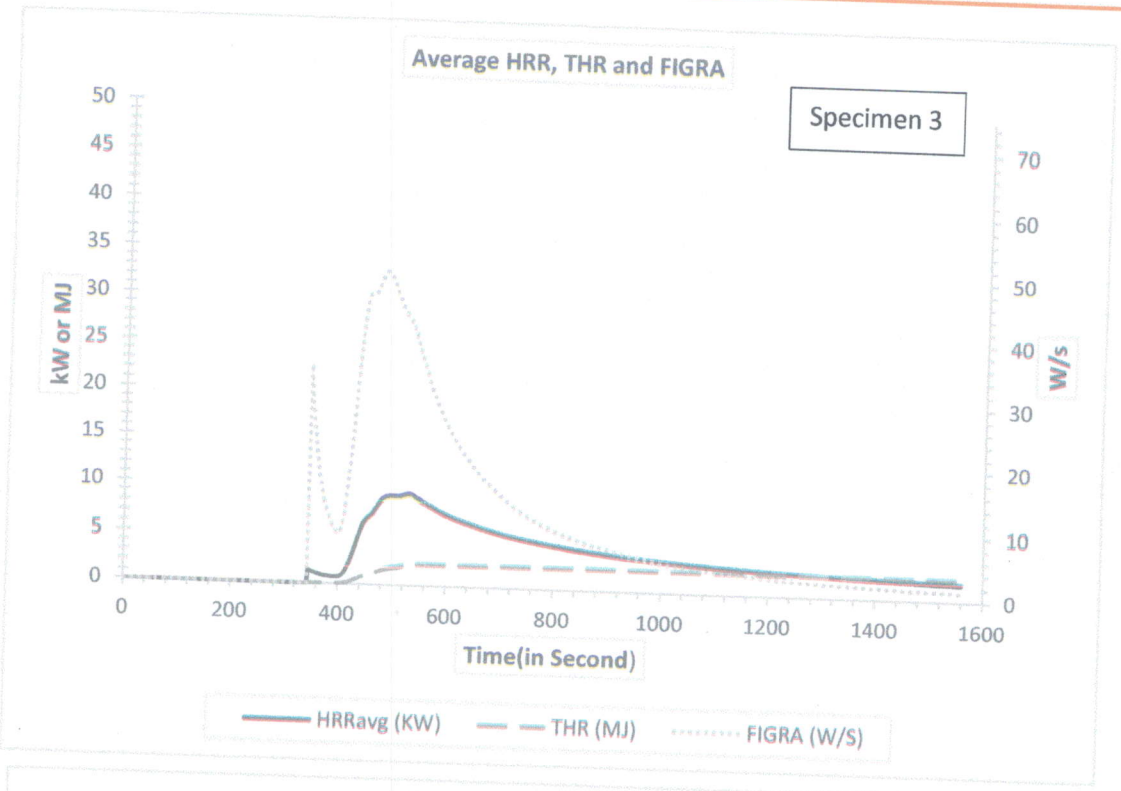

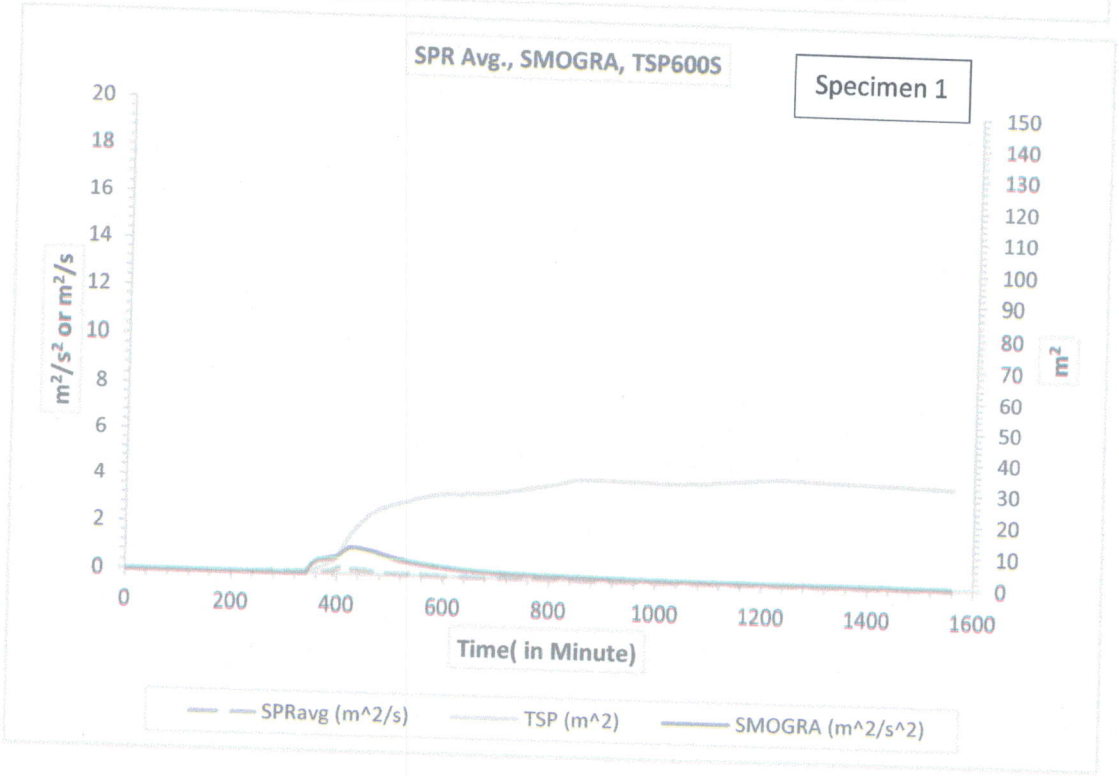

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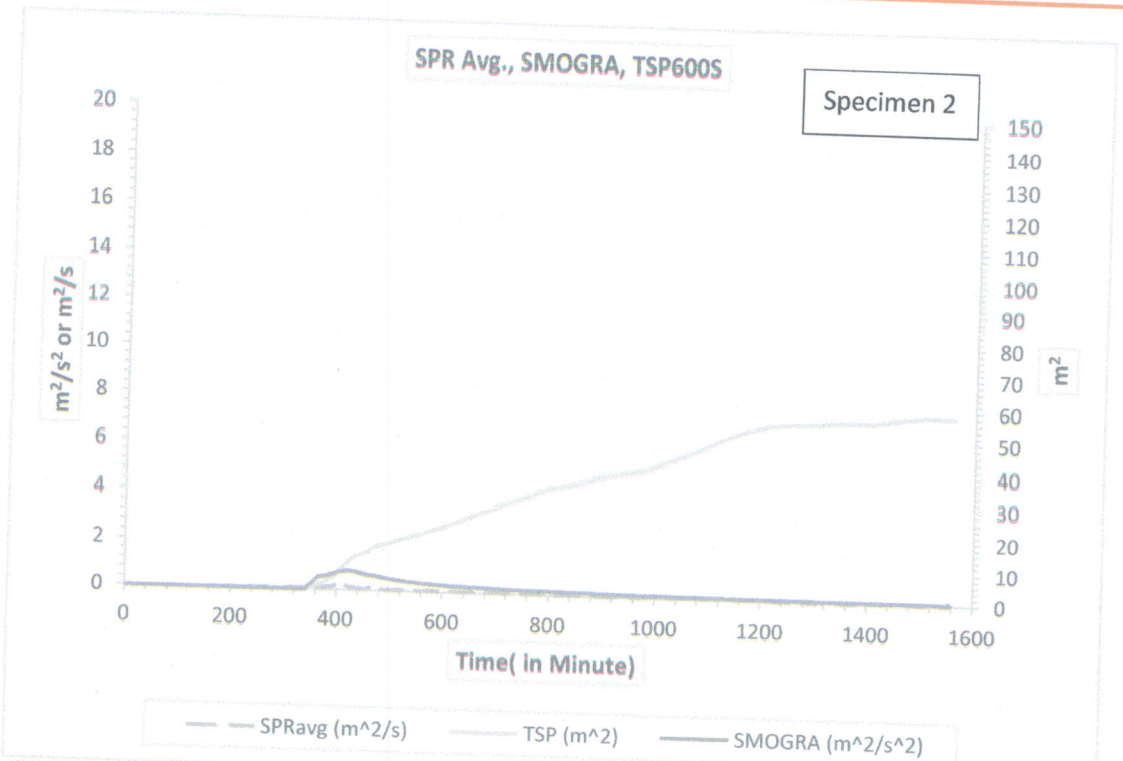

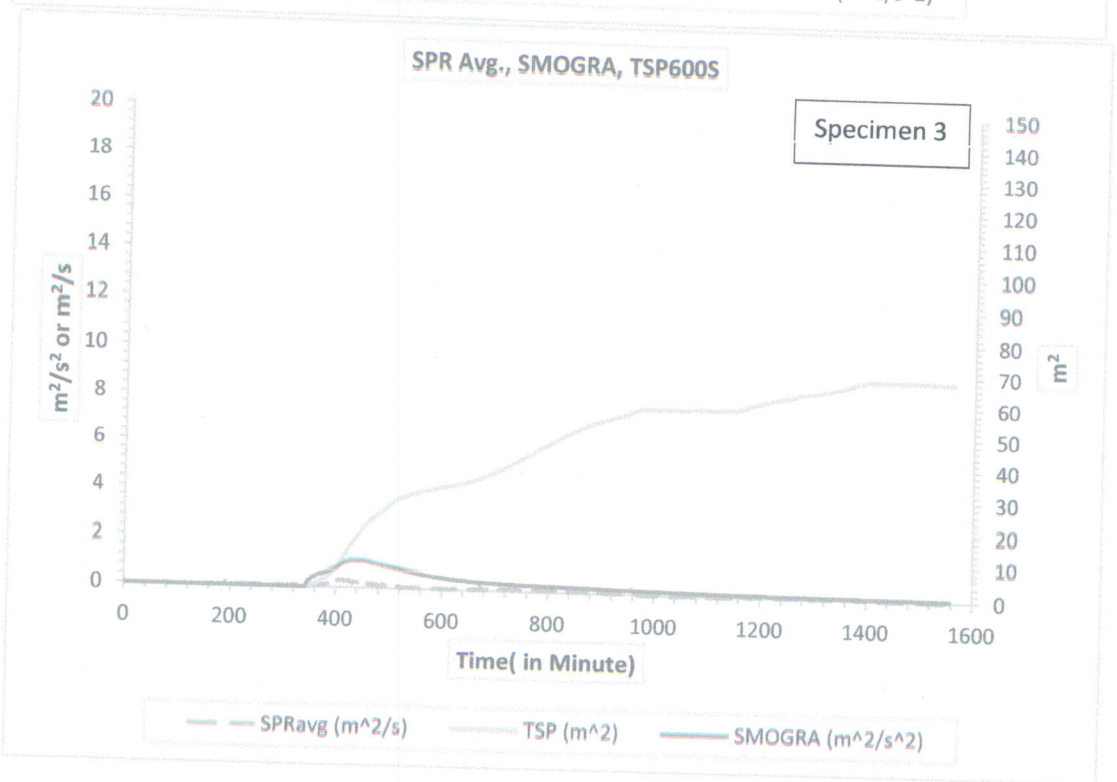

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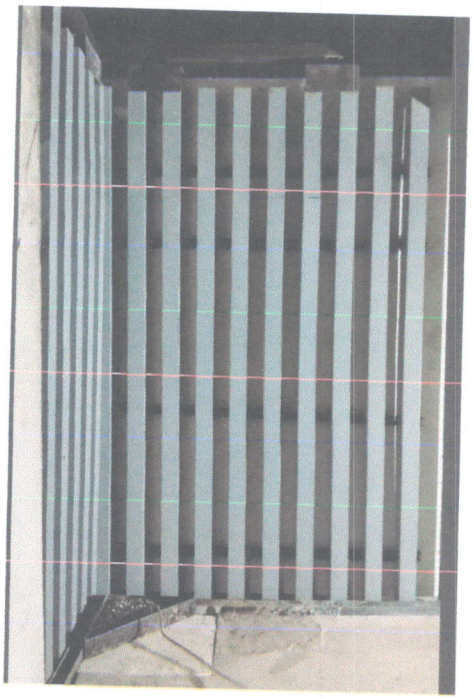
12. PHOTOS



Sample Before Test of SBI Test



Sample Before Test of SBI Test



Sample After Test of SBI Test



Sample After Test of SBI Test

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13. LIMITATION

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test, they are not intended to the sole criterion for assessing the potential fire hazard of the product in use.

User is advised to verify each aspect of installation followed at site and carefully observe if this report mentions same installation method.

----------End of Test Report----------

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Terms & Condition:

- The results are related only to the items Tested
- Total Liability of our Laboratory is limited to the invoiced Amount. No Liability will be accepted after Sample is taken back
- The Sample Description is given "As desired by the customers". Sample not drawn by us & Analysis Conducted on Received sample unless specified otherwise.
- Retained sample will be destroyed after 30 days from the date of issue of the test report unless instructed otherwise.
- Any Complaints or Retest request should be communicated within 15 days from the issue of the Test report.
- Test Report shall not be reproduced except in full, without Written approval of the Laboratory
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Shed No.: 25-26, 28 & 31, Nilkanth Avenue, B/h. Palm Hotel, Viratnagar Cross S. P. Ring Road, Odhav, Ahmedabad-382415 (Gujarat, INDIA)

TEST REPORT	Page 1 of 1
Submitted To :Schepper Metal Ceilings Pvt Ltd.	**Test Report No :MA/CH17/142**
13th, B-1301 & 1302, Sivanta One Business Park, Nr Kothavala Flat, Paldi, Ashram Road, Ahmedabad, 380007	**Date of Report Issue:**22/10/2026
	Date of Sample Inward:17/08/2026
***Letter Ref:**PO No: SM-PRC-4-0726-020, PO Date: 30/07/2026,	**Condition of Sample/Location:**Satisfactory/@Lab
*Sample Details:Powder-Coated Galvanised Steel Profile, Product: Strova 84c with 16 mm Flange, Colour: King Champagne, Batch No.: 4354326, Project Code: SMCPL/04/24/0725/019.	
Submitted Size: Approx. 300 mm Long	
Test No. (A)	

Discipline & Group: (Chemical) & (Metallic Coatings & Treatment Solutions)
Ref Standards: ---
Test Method: ISO 9227:2022

Date of Analysis: 19/08/2026 To 30/09/2026
Machine ID: ME/SSP/433

metaLab Analytical Pvt. Ltd. * A'bad * ORIGINAL

Salt Spray Test	Test No. MA/CH17/142A
Parameter	**Result**
Test Solution	5% NaCl + H2O
Test Chamber Temp.	35°C ± 2°C
Saturated Air Barrel Temp.	47°C
Compressed Air Pressure	0.98 kg/cm2
pH of Test Solution	6.5 to 7.2
Exposure Time (Hrs)	1000 Hrs.*
Spray Collection (ml/h)	1.0 to 2.0
As Received Condition	Initial Condition (refer to attached image)
After 120 Hours	No rusting, blistering & any other defects observed.
After 240 Hours	No rusting, blistering & any other defects observed.
After 480 Hours	No rusting, blistering & any other defects observed.
After 600 Hours	No rusting, blistering & any other defects observed.
After 720 Hours	No rusting, blistering & any other defects observed.
After 960 Hours	No rusting, blistering & any other defects observed.
Observation	After 1000 hours of salt spray exposure, no rusting, blistering, or other visible defects were observed.

Remarks: *Customer Requirement. Image enclosed.

Checked By: Ravi Tank
Witnessed By:

Authorized Signatory
Ravi Tank

metaLab Analytical Pvt. Ltd. * A'bad *

ULR No. NABLT0626GJ183392600013919

While providing the decision rule, measurement uncertainty has been taken into consideration. No additions, deviations, or exclusions have been made from the test method. No external provider has been considered.

* Information given by client.

** END OF TEST REPORT **

metalab® Analytical Pvt. Ltd.
Shed No. : 25-26, 28 & 31, Nilkanth Avenue, B/h. Palm Hotel, Viratnagar Cross S. P. Ring Road, Odhav, Ahmedabad-382415 (Gujarat, INDIA)

TEST REPORT

Submitted To :Schepper Metal Ceilings Pvt Ltd.

13th, B-1301 & 1302, Sivanta One Business Park, Nr Kothavala Flat, Paldi, Ashram Road, Ahmedabad, 380007

Test Report No :MA/CH17/142

Date of Report Issue:22/10/2026

Date of Sample Inward:17/08/2026

***Letter Ref:**PO No: SM-PRC-4-0726-020, PO Date: 30/07/2026,

Condition of Sample/Location: Satisfactory/@Lab

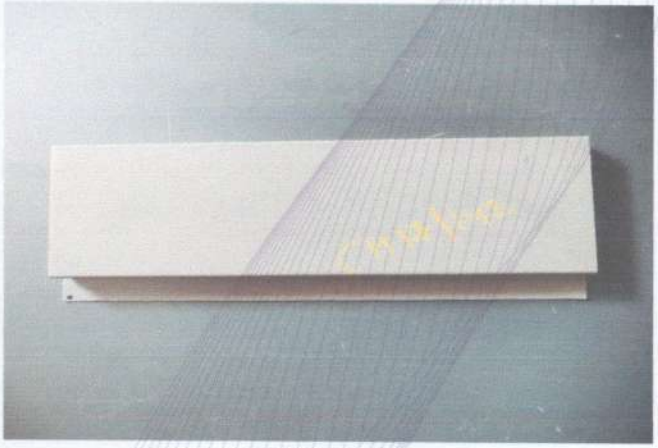
*Sample Details:Powder-Coated Galvanised Steel Profile, Product: Strova 84c with 16 mm Flange, Colour: King Champagne, Batch No.: 4354326, Project Code: SMCPL/04/24/0725/019.

Submitted Size: Approx. 300 mm Long

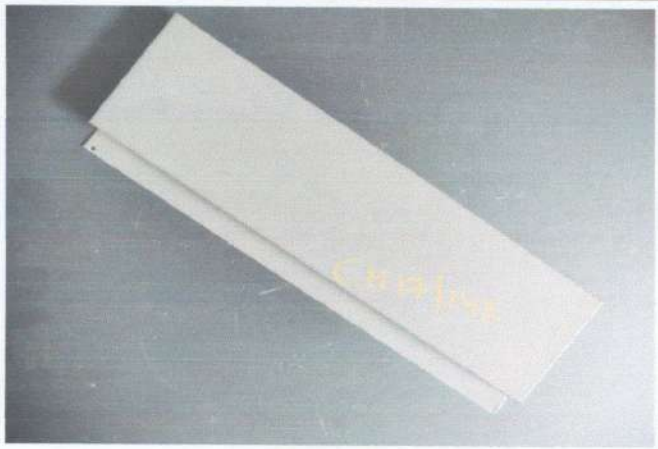
Test No. (A)

Salt Spray Test Image

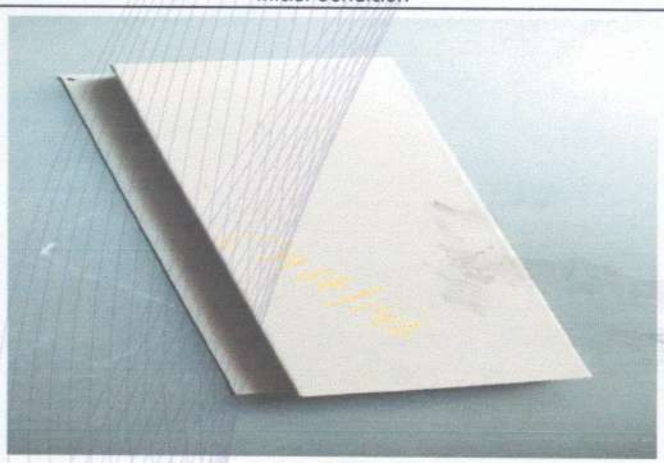
Test No. MA/CH17/142A



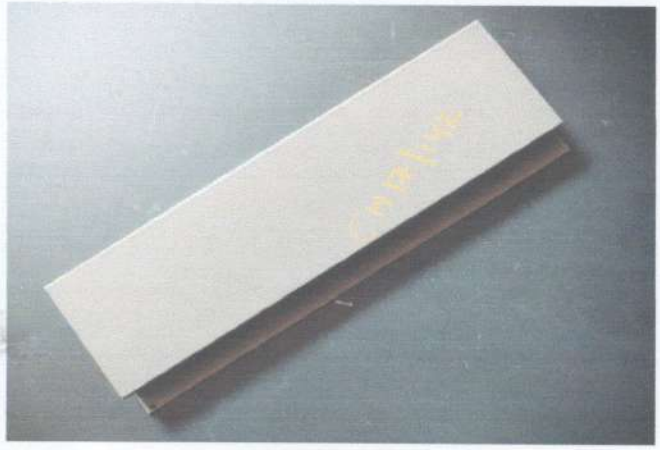
Initial Condition



After 240 Hrs.



After 480 Hrs.



After 1000 Hrs.

Checked By: Ravi Tank

Witnessed By:

Authorized Signatory

Ravi Tank

While providing the decision rule, measurement uncertainty has been taken into consideration. No additions, deviations, or exclusions have been made from the test method. No external provider has been considered.

** END OF TEST REPORT **

metalab Analytical Pvt. Ltd. ORIGINAL

NABLT0626GJ18339

metalab® Analytical Pvt. Ltd.

Shed No. : 25-26, 28 & 31, Nilkanth Avenue, B/h. Palm Hotel, Viratnagar Cross S. P. Ring Road, Odhav, Ahmedabad-382415 (Gujarat, INDIA)

TEST REPORT

Submitted To :Schepper Metal Cellings Pvt Ltd.

Test Report No :MA/CH17/141

13th, B-1301 & 1302, Sivanta One Business Park, Nr Kothavala Flat, Paldi, Ashram Road, Ahmedabad, 380007

Date of Report Issue:22/10/2026

Date of Sample Inward:17/08/2026

***Letter Ref:**PO No: SM-PRC-4-0726-020, PO Date: 30/07/2026,

Condition of Sample/Location: Satisfactory/@Lab

*Sample Details:Powder-Coated Aluminium Profile, Product Name: Univex 25X50X25, Colour: Yw - 361N, Batch No.: QU25344004, Project Code: SMCPL/04/24/0725/019.

Submitted Size: Approx. 300 mm Long

Test No. (A)

Discipline & Group: (Chemical) & (Metallic Coatings & Treatment Solutions)

Date of Analysis: 21/08/2026 To 22/10/2026

Ref Standards: ---

Machine ID: ME/PRSS/492

Test Method: ISO 9227:2022

ORIGINAL

Salt Spray Test	Test No. MA/CH17/141A
Parameter	**Result**
Test Solution	5% NaCl + Glacial Acetic Acid + H2O
Test Chamber Temp.	35°C ± 2°C
Saturated Air Barrel Temp.	47°C
Compressed Air Pressure	0.98 kg/cm2
pH of Test Solution	3.1 to 3.3
Exposure Time (Hrs)	1500 Hrs.*
Spray Collection (ml/h)	1.0 to 2.0
As Received Condition	Initial Condition (refer to attached image)
After 120 Hours	No rusting, blistering & any other defects observed.
After 240 Hours	No rusting, blistering & any other defects observed.
After 480 Hours	No rusting, blistering & any other defects observed.
After 600 Hours	No rusting, blistering & any other defects observed.
After 720 Hours	No rusting, blistering & any other defects observed.
After 960 Hours	No rusting, blistering & any other defects observed.
After 1440 Hours	No rusting, blistering & any other defects observed.
Observation	After 1500 hours of salt spray exposure, no rusting, blistering, or other visible defects were observed.

Remarks: *Customer Requirement. Image enclosed.

Checked By: Ravi Tank

Witnessed By:

Authorized Signatory

Ravi Tank

ULR No. NABLT0626GJ183392600013918

While providing the decision rule, measurement uncertainty has been taken into consideration. No additions, deviations, or exclusions have been made from the test method. No external provider has been considered.

* Information given by client.

** END OF TEST REPORT **

The Image of Perfection Since 1980
CIN No.: U24110GJ2006PTC047799

metaLaB® Analytical Pvt. Ltd.

Shed No.: 25-26, 28 & 31, Nilkanth Avenue, B/h. Palm Hotel, Viratnagar Cross S. P. Ring Road, Odhav, Ahmedabad-382415 (Gujarat, INDIA)

TEST REPORT

Submitted To :Schepper Metal Ceilings Pvt Ltd.

13th, B-1301 & 1302, Sivanta One Business Park, Nr Kothavala Flat, Paldi, Ashram Road, Ahmedabad, 380007

Test Report No :MA/CH17/141

Date of Report Issue:22/10/2026

Date of Sample Inward:17/08/2026

***Letter Ref:**PO No: SM-PRC-4-0726-020, PO Date: 30/07/2026,

Condition of Sample/Location: Satisfactory/@Lab

*Sample Details:Powder-Coated Aluminium Profile, Product Name: Univex 25X50X25, Colour: Yw - 361N, Batch No.: QU25344004, Project Code: SMCPL/04/24/0725/019.

Submitted Size: Approx. 300 mm Long

Test No. (A)

Salt Spray Test Image

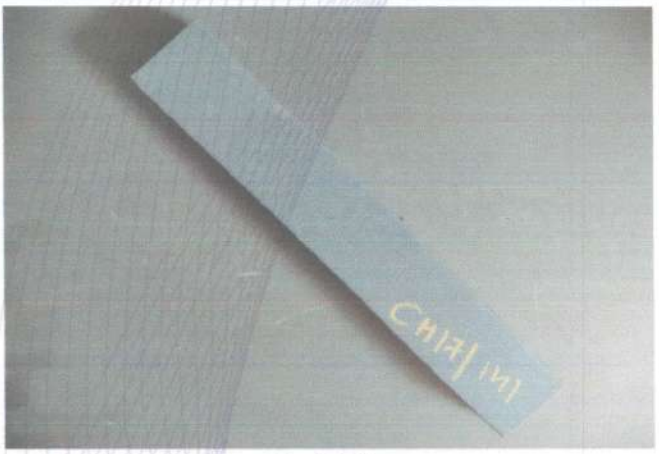
Test No. MA/CH17/141A



Initial Condition



After 480 Hrs.



After 960 Hrs.



After 1500 Hrs..

Checked By: Ravi Tank

Witnessed By:

Authorized Signatory

Ravi Tank

While providing the decision rule, measurement uncertainty has been taken into consideration. No additions, deviations, or exclusions have been made from the test method. No external provider has been considered.

** END OF TEST REPORT **

metaLaB Analytical Pvt. Ltd. ORIGINAL A'bad

सी एस आई आर – राष्ट्रीय भौतिक प्रयोगशाला
CSIR-NATIONAL PHYSICAL LABORATORY
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्)
(Council of Scientific and Industrial Research)
(राष्ट्रीय मापिकी संस्थान (एनएमआई), सदस्य बीआईपीएस एवं हस्ताक्षरकर्ता सीआईपीएम - एमआरए)
(National Metrology Institute (NMI), Member BIPM and Signatory CIPM - MRA)
डॉ. के. एस. कृष्णन् मार्ग, नई दिल्ली-110012, भारत
Dr. K. S. Krishnan Marg, New Delhi-110012 INDIA
दूरभाष/Phone : +91-11-4560, 8441, 8610, 9447, फैक्स/Fax : 91-11-4560 8448
ई-मेल/E-mail : cfct@nplindia.org, वेबसाईट/Website : www.nplindia.org

परीक्षण रिपोर्ट
TEST REPORT

Sound Absorbing Material

दिनांक/ Date	रिपोर्ट संख्या / Report No.	पृष्ठ / Page	पृष्ठों की संख्या / No. of Pages
01-07-2025	25060315/D1.07/T-025	2	2

A loudspeaker with uniform spherical radiation was used as the source of sound suspended at a height of 2.5 m above the floor in one corner while the microphone was kept in different locations near the other corners of the room and at least 1 m away from any surface. The material was kept on **rigid backing** so as to get an exposed sample area of 12.0 m^2.

Measurements were made by using 1/3-octave bands of random noise and several decay rates were determined for each of the microphone and loudspeaker positions. The sound absorption coefficient was calculated and the correction for boundary absorption was applied. The results were:

Frequency (Hz)	Sound Absorption Coefficient (α)	NRC
125	0.19	**1.00**
250	0.99	
500	1.00	
1000	1.00	
2000	1.00	
4000	0.87	

The reported uncertainty in measurement is ± 5 % which is at a coverage factor $k = 2$, which corresponds to a coverage probability of approximately 95% for normal distribution.

8. **Date of Testing** : 30-06-2025

9. **Remarks** : NIL

परीक्षणकर्ता:
Tested by:
(Dr. Chitra Gautam)

जाँचकर्ता:
Checked by:
(Dr. Naveen Garg)

प्रभारी वैज्ञानिक:
Scientist-in-charge:
(Dr. Naveen Garg)

जारीकर्ता:
Issued by:
डॉ. श्रीनिवास राव रागम
Dr. Srinivasa Rao Ragam

सी एस आई आर – राष्ट्रीय भौतिक प्रयोगशाला
CSIR-NATIONAL PHYSICAL LABORATORY
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्)
(Council of Scientific and Industrial Research)
(राष्ट्रीय मापिकी संस्थान (एनएमआई), सदस्य बीआईपीएस एवं हस्ताक्षरकर्ता सीआईपीएम - एमआरए)
(National Metrology Institute (NMI), Member BIPM and Signatory CIPM - MRA)
डॉ. के. एस. कृष्णन् मार्ग, नई दिल्ली-110012, भारत
Dr. K. S. Krishnan Marg, New Delhi-110012 INDIA
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ई-मेल/E-mail : cfct@nplindia.org, वेबसाईट/Website : www.nplindia.org

परीक्षण रिपोर्ट
TEST REPORT

Sound Absorbing Material

दिनांक/ Date	रिपोर्ट संख्या / Report No.	पृष्ठ / Page	पृष्ठों की संख्या / No. of Pages
01-07-2025	25060315/D1.07/T-025	1	2

1. **Tested for** : M/s Schepper Metal Ceilings Private Limited,
B1301 1302, Sivanta One, Opp Nalli Saree Showroom,
Pritamnagar, Paldi, Ahmedabad, Gujarat – 380007
Customer Ref. No.: NIL; Dated: 12-06-2025

2. **Description and identification of items** : Metal ceiling Panel comprises of 8 mm heighted Galvanised Steel Lay In Tile with 2.5 mm circular perforation diameter and 16% open area; back of the tile covered with Non-Woven Cloth with 40 gsm; tiles are laid on 24 mm heighted Tee grid; tile back is covered with 50 mm thick glasswool of density 48 kg/m^3
(Size: 12 m^2)

3. **Environmental conditions** : Temperature : (23.0 ± 5.0) °C
Relative Humidity : (50.0 ± 20.0) %

4. **Standards used with associated measurement uncertainty** : Dual channel Acoustic Analyzer with Working Standard Microphone ±0.4 dB to 0.6 dB ($k = 2$)

5. **Metrological traceability of standards used** : The standards used for test are traceable to National Standards which realize the units of quantities according to the International System of Units (SI).

6. **Principle/Methodology of test and test procedure number** : Sound absorbing coefficient by diffuse field method: ISO 11654-1997/ IS: 8225-2018 "Measurement of Sound Absorption Coefficient in Reverberation Room" (Equivalent to ISO: 354-2003, ASTM C423- 23)
Sub-Div # 1.07/Doc. 3/ TP # 01

7. **Results:**
As requested by the customer, the material was tested only for its sound absorption coefficient by reverberation method as per IS: 8225–2018 under existing environmental conditions in a reverberation chamber of volume 273 m^3, surface area 253 m^2 and average reverberation time of 6 sec. The chamber was of irregular shape and adequate diffusion was obtained by using suspended stationary diffusers.

परीक्षणकर्ता: Tested by: (Dr. Chitra Gautam)

जाँचकर्ता: Checked by: (Dr. Naveen Garg)

प्रभारी वैज्ञानिक: Scientist-in-charge: (Dr. Naveen Garg)

जारीकर्ता: Issued by: डॉ. श्रीनिवास राव रागम Dr. Srinivasa Rao Ragam
National Physical Laboratory Director's Nominee New Delhi

IGNITO FIRE TESTING LAB

TEST REPORT

ASTM E84

Test Report Issue To:
Schepper Metal Ceilings Private Limited
B1301-1302 Sivanta One Business Park, Pritamnagar, Paldi, Ahmedabad-380007

Test Report No : I250822001-2
Date of Issue: 09/09/2025

Sample Booking/Receipt : 22/08/2025
Date of Start of Testing: 28/08/2025
Date of Completion of Test: 28/08/2025

Customer Relationship Number : A1120831

Sample Description :
U Baffle Linear Metal Ceiling

Kind Attention: Mr. Harish Nagrajbhai Padmashali
E-Mail: Info@schepper.in
Contact No: 8866870629

Customer Reference Number :

Sample Drawn By : Test Sponser

Laboratory certified by CERTIFER

ilac-MRA

TC-10383

ULR No: TC1038325000000497F

IGNITO LABS PVT. LTD. Authorised Signatory Faridabad, Haryana

Kaushal Kumar Thakur
Reviewed & Authorized By

This is Digitally Signed Report and hence doesn't require Physical Signature

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1. INTRODUCTION 3
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6. SPECIMEN INSTALLATION/PREPARATION 3
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11. CLASSFICIATION CRITERIA 5
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14. LIMITATION 7

Anshul Kumar
(Tested By)

TC-10383

ULR No: TC1038325000000497F

IGNITO LABS PVT. LTD. Authorised Signatory Faridabad, Haryana

Kaushal Kumar Thakur
(Reviewed & Authorized By)

1. INTRODUCTION

Determination of the Flame spread Index and Smoke developed Index of **U Baffle Linear Metal Ceiling** as per **ASTM E-84.**

2. TEST METHODS & REFERENCES

ASTM E84:2024; Standard Test Method for Surface Burning Characteristics of BuildingMaterials.
NFPA 101; Life Safety Code®

3. DATE OF TEST

Installation Date: 28-08-2025
Fire Test Date: 28-08-2025

4. LOCATION AT WHICH TEST PERFORMED

ignito Labs Pvt. Ltd.
Domkan, Anangpur, Faridabad,
Haryana-121003, INDIA

5. SPECIMEN DETAIL

All details given below are declared by test sponsor.

Product Type	Metal False Ceiling System
Generic Name	Suspended Metal Ceiling System
Product Name	**U Baffle Linear Metal Ceiling**
Sheet Material	Galvanized Iron (GI)
Manufacturer/Test Sponsor	Schepper Metal Ceilings Private Limited
Grade	IS 277 Metal
Density	7850 kg/m^3
Specimen Size	2 ft in width and 8 ft in length
Thickness	Sheet Thickness-0.50mm (including Powder Coating Thickness) Overall product thickness-50mm
Color	Grey (AkzoNobel D1000 Grade)
Exposed Face	Both faces of specimen were not similar. Front face was exposed to fire.
Substrate Used	Specimen were tested on as received basis. No Substrate was used

6. SPECIMEN INSTALLATION/PREPARATION

Number of U profiles were joint using fixing clamp to form 2ft wide and 8ft long baffle, A gap of 50mm was maintained in between two U profiles. 3 pieces of 8ft long test specimen prepared as per the procedure given above were butt jointed together to form of 24 ft in length. Test specimen was self-supporting in nature. Test specimen was spread over the tunnel in horizontal ceiling orientation. Both faces of specimen were not similar, front face was exposed to fire. Decision regarding exposed face was taken by test sponsor. One layer of cement board was placed over the test specimen to protect furnace lid assembly.

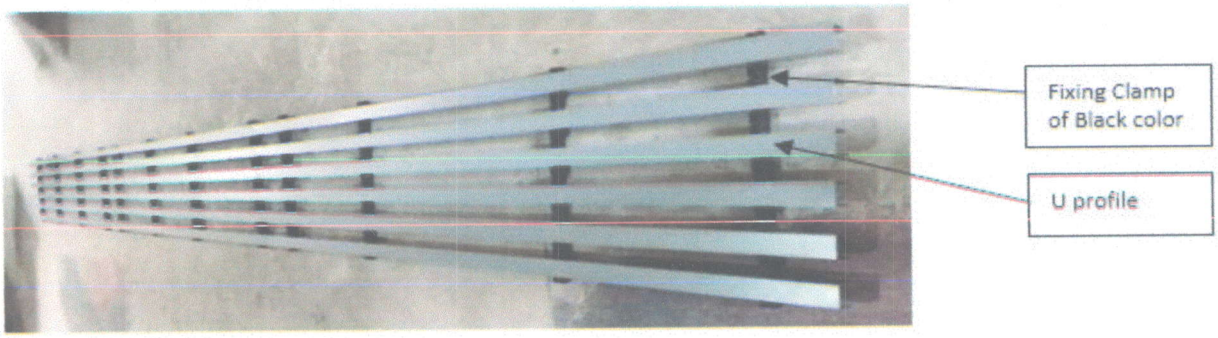
Anshul Kumar
(Tested By)

TC-10383

ULR No: TC1038325000000497F

IGNITO LABS PVT. LTD. Authorised Signatory Faridabad, Haryana

Kaushal Kumar Thakur
(Reviewed & Authorized By)



7. PRE-TEST PROCEDURE

7.1. Verification of the Test Specimen

Ignito Labs was not involved in the selection of the specimen. Test specimen was supplied by the sponsor of test.

7.2. Conditioning

The specimen was stored at a temperature of 23.8±2.8°C and relative humidity of 50±5%.
Test were performed at 28.5°C temperature and 51% RH.

8. FIRE TEST PROCEDURE

Test chamber consists of burner at the one end of the Steiner tunnel. Test specimen was spread over the tunnel above the burner in ceiling orientation with burner located near to the one end of the specimen while other end of specimen was up to the exhaust connects. 6mm thick cement board was placed over the specimen to protect the test lid assembly from flame. Burner was ignited with the help of an automated ignition system and flame was continuously applied for 10 minutes. Flame spread profile and smoke developed profile were continuously monitored and recorded during the complete test duration.

9. OBSERVATIONS

9.1. Pre -Test Observations

The specimen was found satisfactory and fit to be tested.

9.2. Test Observations

Time in Minutes	Flame front Distance, in Feet
0	0
1	0
2	0
3	1
4	1
5	1
6	2
7	2
8	2
9	2
10	2

Anshul Kumar
(Tested By)

TC-10383

ULR No: TC1038325000000497F

IGNITO LABS PVT. LTD. Authorised Signatory Faridabad, Haryana

Kaushal Kumar Thakur
(Reviewed & Authorized By)

Other Relevant Parameters	Observations
Time for maximum flame front travel	6 minutes
Maximum Flame front distance	2 feet
Max Temperature at Exposed face thermocouple	49.5°C
Flaming duration on Floor during test	No flame observed on floor
Flame Duration on Top after test	No flame observed on Top
Flame Duration on Floor after test	No flame observed on floor
Delamination (Yes/No)	No
Sagging (Yes/No)	No
Shrinkage (Yes/No)	No
Fallout (Yes/No)	No
Any other observation	No

9.3. After-Test Observations

The specimen was intact. The Exposed face was discolored with the traces of burnt areas while the unexposed face was without any traces of burn. Black soot was seen over the specimen.

10. SUMMARY OF RESULTS

Test specimen has been evaluated in accordance with ASTM E84 for Flame Spread Index and Smoke Developed Index. The requirements of the standard were satisfied for:

Flame Spread Index, FSI	**5**
Smoke Developed Index, SDI	**300**

11. CLASSFICIATION CRITERIA

ASTM E84 does not include classification criteria for the results obtained from testing. The International Building Code (IBC) and NFPA 101: Life Safety Code both describe a set of classification criteria required for interior wall and ceiling finish materials based on Flame Spread Index and Smoke Developed Index when tested in accordance with ASTM E84 or UL 723. The classification criteria for all codes are given below.

Class	Flame Spread Index	Smoke Developed Index
A	0-25	0-450
B	26-75	0-450
C	76-200	0-450

Anshul Kumar
(Tested By)

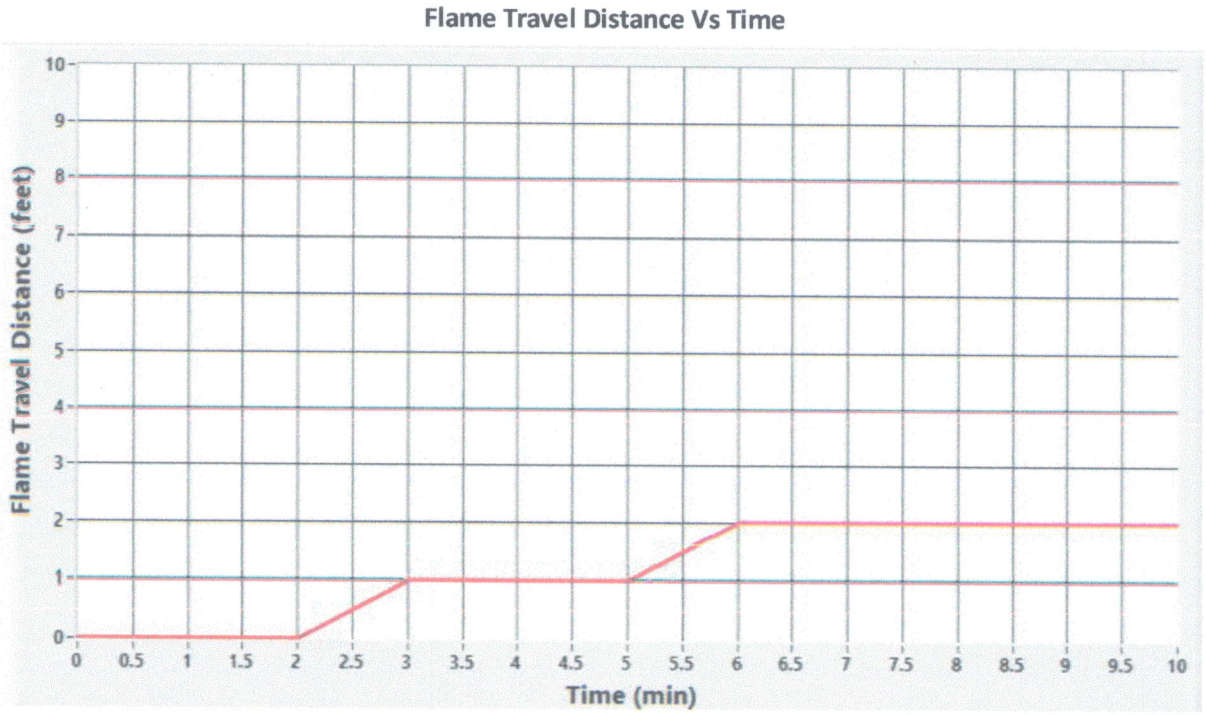
TC-10383

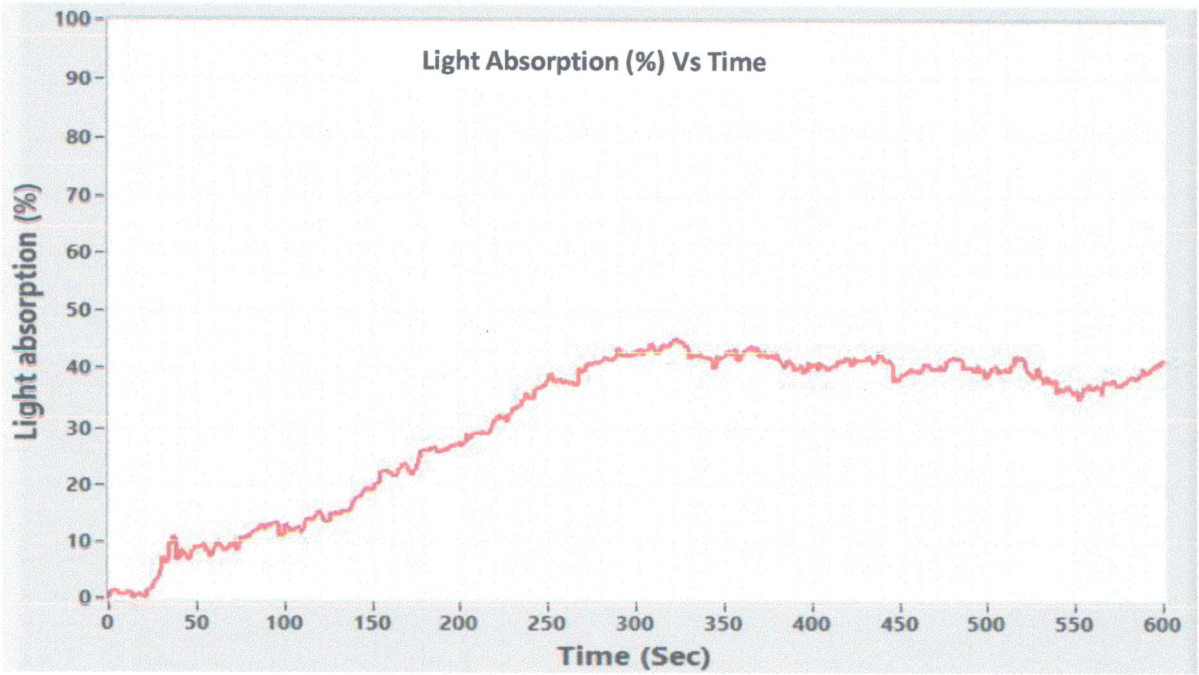
ULR No: TC1038325000000497F

IGNITO LABS PVT. LTD. Authorised Signatory Faridabad, Haryana

Kaushal Kumar Thakur
(Reviewed & Authorized By)

12. GRAPHS





Anshul Kumar
(Tested By)

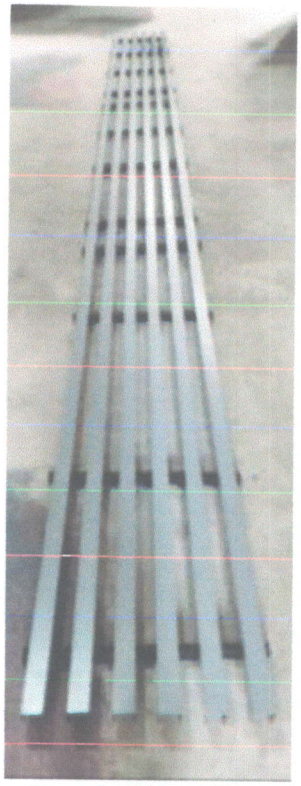
TC-10383

ULR No: TC1038325000000497F

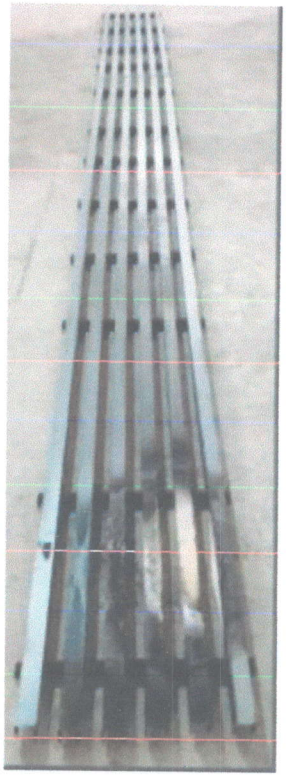
IGNITO LABS PVT. LTD. Authorised Signatory Faridabad, Haryana

Kaushal Kumar Thakur
(Reviewed & Authorized By)

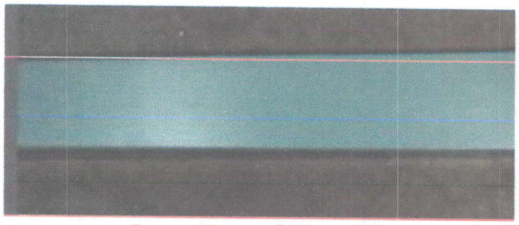
13. PHOTOS



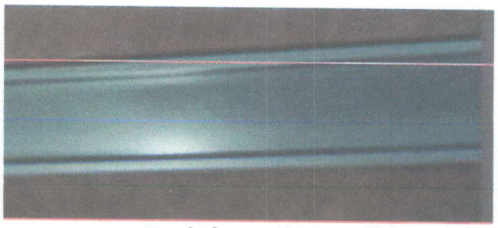
Sample Before Test



Sample After Test



Front Face of U profile



Back face of U profile

14. LIMITATION

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test, they are not intended to the sole criterion for assessing the potential fire hazard of the product in use.

User is advised to verify each aspect of installation followed at site and carefully observe if this report mentions same installation method.

----------End of Test Report----------

Anshul Kumar
(Tested By)

TC-10383

ULR No: TC1038325000000497F

IGNITO LABS PVT. LTD. Authorised Signatory Faridabad, Haryana

Kaushal Kumar Thakur
(Reviewed & Authorized By)

Terms & Condition:

- The results are related only to the items Tested
- Total Liability of our Laboratory is limited to the invoiced Amount. No Liability will be accepted after Sample is taken back
- The Sample Description is given "As desired by the customers". Sample not drawn by us & Analysis Conducted on Received sample unless specified otherwise.
- Retained sample will be destroyed after 30 days from the date of issue of the test report unless instructed otherwise.
- Any Complaints or Retest request should be communicated within 15 days from the issue of the Test report.
- Test Report shall not be reproduced except in full, without Written approval of the Laboratory
- The Test report is not to be reproduced wholly or in parts & cannot be used as an evidence in a court of law & shall not be used in advertising media without our permission in writing.

Anshul Kumar
(Tested By)

TC-10383

ULR No: TC1038325000000497F

IGNITO LABS PVT. LTD. Authorised Signatory Faridabad, Haryana

Kaushal Kumar Thakur
(Reviewed & Authorized By)

NABLT0626GJ18339

metaLaB® Analytical Pvt. Ltd.

Shed No.: 25-26, 28 & 31, Nilkanth Avenue, B/h. Palm Hotel, Viratnagar Cross S. P. Ring Road, Odhav, Ahmedabad-382415 (Gujarat, INDIA)

TEST REPORT	Page 1 of 1
Submitted To :Schepper Metal Ceilings Pvt Ltd.	**Test Report No :MA/CH17/142**
13th, B-1301 & 1302, Sivanta One Business Park, Nr Kothavala Flat, Paldi, Ashram Road, Ahmedabad, 380007	**Date of Report Issue:**22/10/2026
	Date of Sample Inward:17/08/2026
***Letter Ref:**PO No: SM-PRC-4-0726-020, PO Date: 30/07/2026,	**Condition of Sample/Location:**Satisfactory/@Lab
*Sample Details:Powder-Coated Galvanised Steel Profile, Product: Strova 84c with 16 mm Flange, Colour: King Champagne, Batch No.: 4354326, Project Code: SMCPL/04/24/0725/019.	
Submitted Size: Approx. 300 mm Long	
Test No. (A)	

Discipline & Group: (Chemical) & (Metallic Coatings & Treatment Solutions)
Ref Standards: ---
Test Method: ISO 9227:2022

Date of Analysis: 19/08/2026 To 30/09/2026
Machine ID: ME/SSP/433

metaLab Analytical Pvt. Ltd. * A'bad * ORIGINAL

Salt Spray Test	Test No. MA/CH17/142A
Parameter	**Result**
Test Solution	5% NaCl + H2O
Test Chamber Temp.	35°C ± 2°C
Saturated Air Barrel Temp.	47°C
Compressed Air Pressure	0.98 kg/cm2
pH of Test Solution	6.5 to 7.2
Exposure Time (Hrs)	1000 Hrs.*
Spray Collection (ml/h)	1.0 to 2.0
As Received Condition	Initial Condition (refer to attached image)
After 120 Hours	No rusting, blistering & any other defects observed.
After 240 Hours	No rusting, blistering & any other defects observed.
After 480 Hours	No rusting, blistering & any other defects observed.
After 600 Hours	No rusting, blistering & any other defects observed.
After 720 Hours	No rusting, blistering & any other defects observed.
After 960 Hours	No rusting, blistering & any other defects observed.
Observation	After 1000 hours of salt spray exposure, no rusting, blistering, or other visible defects were observed.

Remarks: *Customer Requirement. Image enclosed.

Checked By: Ravi Tank
Witnessed By:

Authorized Signatory
Ravi Tank

metaLab Analytical Pvt. Ltd. * A'bad *

ULR No. NABLT0626GJ183392600013919

While providing the decision rule, measurement uncertainty has been taken into consideration. No additions, deviations, or exclusions have been made from the test method. No external provider has been considered.

* Information given by client.

** END OF TEST REPORT **

metalab® Analytical Pvt. Ltd.
Shed No. : 25-26, 28 & 31, Nilkanth Avenue, B/h. Palm Hotel, Viratnagar Cross S. P. Ring Road, Odhav, Ahmedabad-382415 (Gujarat, INDIA)

TEST REPORT

Submitted To :Schepper Metal Ceilings Pvt Ltd.

13th, B-1301 & 1302, Sivanta One Business Park, Nr Kothavala Flat, Paldi, Ashram Road, Ahmedabad, 380007

Test Report No :MA/CH17/142

Date of Report Issue:22/10/2026

Date of Sample Inward:17/08/2026

***Letter Ref:**PO No: SM-PRC-4-0726-020, PO Date: 30/07/2026,

Condition of Sample/Location: Satisfactory/@Lab

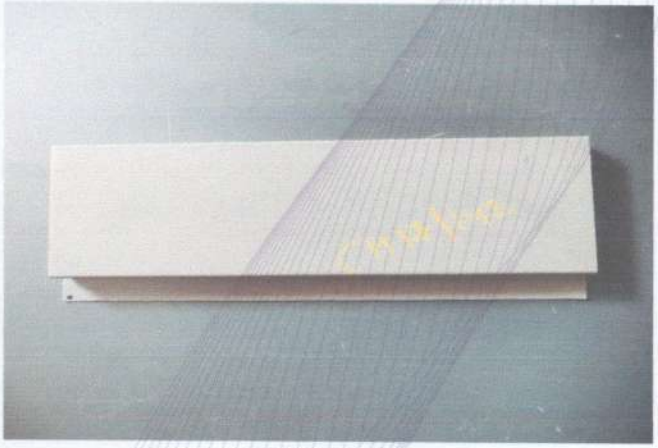
*Sample Details:Powder-Coated Galvanised Steel Profile, Product: Strova 84c with 16 mm Flange, Colour: King Champagne, Batch No.: 4354326, Project Code: SMCPL/04/24/0725/019.

Submitted Size: Approx. 300 mm Long

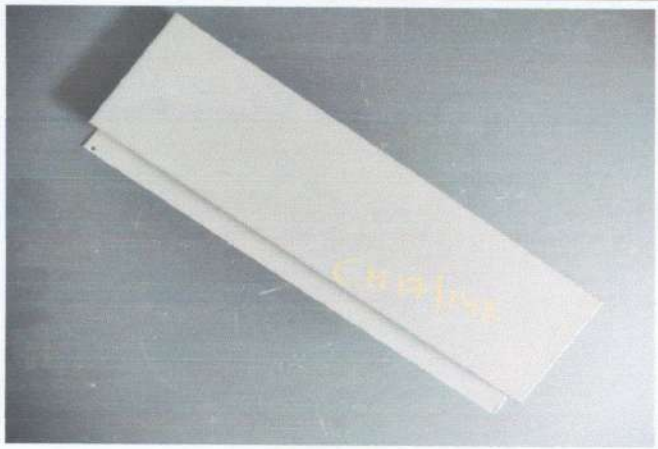
Test No. (A)

Salt Spray Test Image

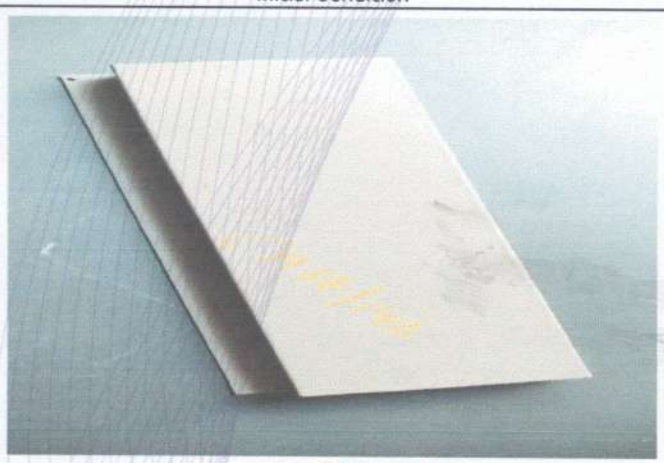
Test No. MA/CH17/142A



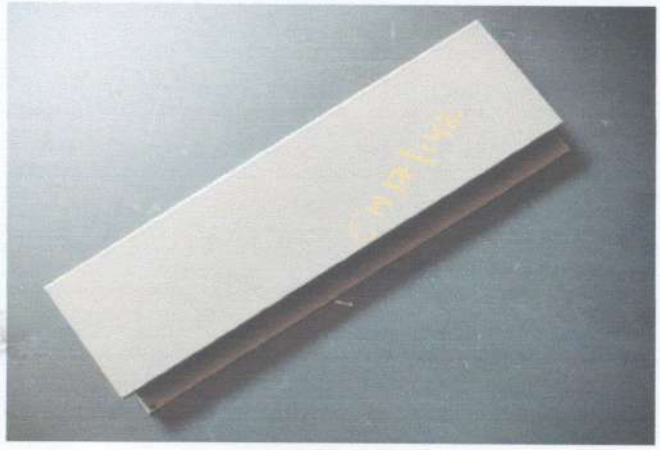
Initial Condition



After 240 Hrs.



After 480 Hrs.



After 1000 Hrs.

Checked By: Ravi Tank

Witnessed By:

Authorized Signatory

Ravi Tank

While providing the decision rule, measurement uncertainty has been taken into consideration. No additions, deviations, or exclusions have been made from the test method. No external provider has been considered.

** END OF TEST REPORT **

metalab Analytical Pvt. Ltd. ORIGINAL

NABLT0626GJ18339

metalab® Analytical Pvt. Ltd.

Shed No. : 25-26, 28 & 31, Nilkanth Avenue, B/h. Palm Hotel, Viratnagar Cross S. P. Ring Road, Odhav, Ahmedabad-382415 (Gujarat, INDIA)

TEST REPORT

Submitted To :Schepper Metal Cellings Pvt Ltd.

Test Report No :MA/CH17/141

13th, B-1301 & 1302, Sivanta One Business Park, Nr Kothavala Flat, Paldi, Ashram Road, Ahmedabad, 380007

Date of Report Issue:22/10/2026

Date of Sample Inward:17/08/2026

***Letter Ref:**PO No: SM-PRC-4-0726-020, PO Date: 30/07/2026,

Condition of Sample/Location: Satisfactory/@Lab

*Sample Details:Powder-Coated Aluminium Profile, Product Name: Univex 25X50X25, Colour: Yw - 361N, Batch No.: QU25344004, Project Code: SMCPL/04/24/0725/019.

Submitted Size: Approx. 300 mm Long

Test No. (A)

Discipline & Group: (Chemical) & (Metallic Coatings & Treatment Solutions)

Date of Analysis: 21/08/2026 To 22/10/2026

Ref Standards: ---

Machine ID: ME/PRSS/492

Test Method: ISO 9227:2022

ORIGINAL

Salt Spray Test	Test No. MA/CH17/141A
Parameter	**Result**
Test Solution	5% NaCl + Glacial Acetic Acid + H2O
Test Chamber Temp.	35°C ± 2°C
Saturated Air Barrel Temp.	47°C
Compressed Air Pressure	0.98 kg/cm2
pH of Test Solution	3.1 to 3.3
Exposure Time (Hrs)	1500 Hrs.*
Spray Collection (ml/h)	1.0 to 2.0
As Received Condition	Initial Condition (refer to attached image)
After 120 Hours	No rusting, blistering & any other defects observed.
After 240 Hours	No rusting, blistering & any other defects observed.
After 480 Hours	No rusting, blistering & any other defects observed.
After 600 Hours	No rusting, blistering & any other defects observed.
After 720 Hours	No rusting, blistering & any other defects observed.
After 960 Hours	No rusting, blistering & any other defects observed.
After 1440 Hours	No rusting, blistering & any other defects observed.
Observation	After 1500 hours of salt spray exposure, no rusting, blistering, or other visible defects were observed.

Remarks: *Customer Requirement. Image enclosed.

Checked By: Ravi Tank

Witnessed By:

Authorized Signatory

Ravi Tank

ULR No. NABLT0626GJ183392600013918

While providing the decision rule, measurement uncertainty has been taken into consideration. No additions, deviations, or exclusions have been made from the test method. No external provider has been considered.

* Information given by client.

** END OF TEST REPORT **

The Image of Perfection Since 1980
CIN No.: U24110GJ2006PTC047799

metaLaB® Analytical Pvt. Ltd.

Shed No.: 25-26, 28 & 31, Nilkanth Avenue, B/h. Palm Hotel, Viratnagar Cross S. P. Ring Road, Odhav, Ahmedabad-382415 (Gujarat, INDIA)

TEST REPORT

Submitted To :Schepper Metal Ceilings Pvt Ltd.

13th, B-1301 & 1302, Sivanta One Business Park, Nr Kothavala Flat, Paldi, Ashram Road, Ahmedabad, 380007

Test Report No :MA/CH17/141

Date of Report Issue:22/10/2026

Date of Sample Inward:17/08/2026

***Letter Ref:**PO No: SM-PRC-4-0726-020, PO Date: 30/07/2026,

Condition of Sample/Location: Satisfactory/@Lab

*Sample Details:Powder-Coated Aluminium Profile, Product Name: Univex 25X50X25, Colour: Yw - 361N, Batch No.: QU25344004, Project Code: SMCPL/04/24/0725/019.

Submitted Size: Approx. 300 mm Long

Test No. (A)

Salt Spray Test Image

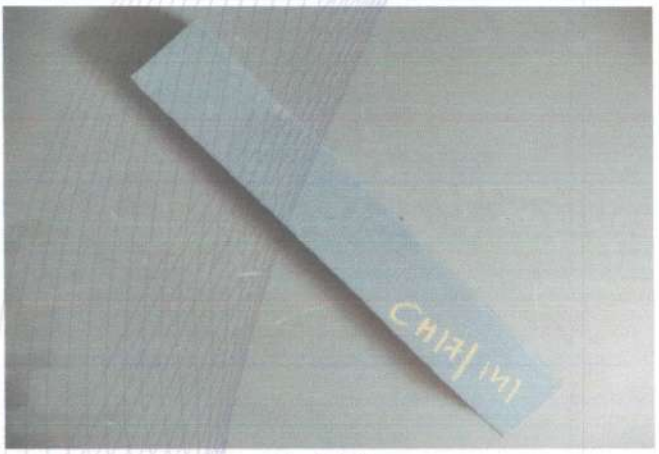
Test No. MA/CH17/141A



Initial Condition



After 480 Hrs.



After 960 Hrs.



After 1500 Hrs..

Checked By: Ravi Tank

Witnessed By:

Authorized Signatory

Ravi Tank

While providing the decision rule, measurement uncertainty has been taken into consideration. No additions, deviations, or exclusions have been made from the test method. No external provider has been considered.

** END OF TEST REPORT **

metaLaB Analytical Pvt. Ltd. ORIGINAL A'bad

Environmental Private Limited

TEST REPORT

Product Quality Sampling & Analysis

Company Name	Schepper	Sample ID	SQ/26/08/0005/AN
Company Contact Number	76001 65794	Condition of sample	Satisfactory
Address	B1301 1302, Sivanta One, Opp Nalli Saree Showroom, Pritamnagar, Paldi,Ahmedabad, Gujarat - 380007	Sample Drawn By	Customer
		Quantity of Sample	1 Plate
		Sampling Method	ISO 16000-6:2021
Date & Time of Sampling	17-08-2026	Date of Sample Received	17-08-2026
Analysis Starts Date	17-08-2026	Analysis Completion Date	21-08-2026
Sample Description	Aluminium Panel With Powder Coating(**Colour - Yw - 361 N:Batch Number - QU25344004**)	Temperature/ Humidity during testing	Temp.- 25-29 deg C / Humidity <50 %
Report Date:	22-08-2026	**Report Code:**	SWA/LAB/17/08/2026/SQ/26/08/0005/AN

S.No.	PARAMETERS	UNIT	RESULTS	Regulatory Limit	Remarks	Testing Method/ Standard
1	Total Volatile Organic Compounds (TVOC)	ppm	**BDL(MDL<1)**			ISO 16000-6:2021 & EN 16516:2017+A1:2020

Supervised By :	Harshad Salvi	**Authorized Signatory :**	Pankaj Gothi
Signature :		**Signature :**	
Designation :	**Technical Manager/COO Lab**	**Designation :**	**Quality Manager/CEO**

Notes:

1. The report shall not be reproduced except in full without approval of the laboratory can provide assurance that parts of a report are not taken out of context.

2. The results relate only to the items tested and sampled

3. Additions to, deviations, or exclusions from the method- NA

*4. Results which were outsourced to external providers are marked with ** and results which are performed and not in NABL accrediation scope are marked with * in parameter column*

5. Disclaimer: When the information is supplied by the customer and can affect the validity of results

6. Disclaimer: The report that the results apply to the sample as received in case of the sample has been supplied by customer

7. Disclaimer: The laboratory shall be responsible for all the information provided in the report, except when information is provided by the customer

8. Regulatory limit reference if any:- As per Hazardous Waste Management Rules, 2016 (SCHEDULE II)

9. Opinion, Interpretation & Statement of Conformity if provided can be refered in the remarks section as "Permissible" "Below acceptable" or whatever is applicable as per the limit

10. BDL : Below Detection Limit | R1: Revised report and the number of that times revised

---------- End of the Test Report ----------

SWA ENVIRONMENTAL PRIVATE LIMITED AHMEDABAD

Environmental Private Limited

TEST REPORT

Product Quality Sampling & Analysis

Company Name	Schepper	Sample ID	SQ/26/08/0006/AN
Company Contact Number	76001 65794	Condition of sample	Satisfactory
Address	B1301 1302, Sivanta One, Opp Nalli Saree Showroom, Pritamnagar, Paldi,Ahmedabad, Gujarat - 380007	Sample Drawn By	Customer
		Quantity of Sample	1 Plate
		Sampling Method	ISO 16000-6:2021
Date & Time of Sampling	17-08-2026	Date of Sample Received	17-08-2026
Analysis Starts Date	17-08-2026	Analysis Completion Date	21-08-2026
Sample Description	Galvanized Steel Carrier Coil Coated	Temperature/ Humidity during testing	Temp.- 25-29 deg C / Humidity <50 %
Report Date:	22-08-2026	**Report Code:**	SWA/LAB/17/08/2026/SQ/26/08/0006/AN

S.No.	PARAMETERS	UNIT	RESULTS	Regulatory Limit	Remarks	Testing Method/ Standard
1	Total Volatile Organic Compounds (TVOC)	ppm	BDL(MDL<1)			ISO 16000-6:2021 & EN 16516:2017+A1:2020

Supervised By :	Harshad Salvi	**Authorized Signatory :**	Pankaj Gothi
Signature :		**Signature :**	
Designation :	**Technical Manager/COO Lab**	**Designation :**	**Quality Manager/CEO**

Notes:

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10. BDL : Below Detection Limit | R1: Revised report and the number of that times revised

---------- End of the Test Report ----------

SWA ENVIRONMENTAL PRIVATE LIMITED AHMEDABAD

swa
Environmental Private Limited

TEST REPORT

Product Quality Sampling & Analysis

Company Name	Schepper	Sample ID	SQ/26/08/0007/AN
Company Contact Number	76001 65794	Condition of sample	Satisfactory
Address	B1301 1302, Sivanta One, Opp Nalli Saree Showroom, Pritamnagar, Paldi,Ahmedabad, Gujarat - 380007	Sample Drawn By	Customer
		Quantity of Sample	1 Plate
		Sampling Method	ISO 16000-6:2021
Date & Time of Sampling	17-08-2026	Date of Sample Received	17-08-2026
Analysis Starts Date	17-08-2026	Analysis Completion Date	21-08-2026
Sample Description	Galvanized Steel Panel With Power coating(**Colour - King Champagne:Batch No - 4354326**)	Temperature/ Humidity during testing	Temp.- 25-29 deg C / Humidity <50 %
Report Date:	22-08-2026	**Report Code:**	SWA/LAB/17/08/2026/SQ/26/08/0007/AN

S.No.	PARAMETERS	UNIT	RESULTS	Regulatory Limit	Remarks	Testing Method/ Standard
1	Total Volatile Organic Compounds (TVOC)	ppm	BDL(MDL<1)			ISO 16000-6:2021 & EN 16516:2017+A1:2020

Supervised By :	Harshad Salvi	**Authorized Signatory :**	Pankaj Gothi
Signature :		**Signature :**	
Designation :	**Technical Manager/COO Lab**	**Designation :**	**Quality Manager/CEO**

Notes:

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10. BDL - Below Detection Limit | R1: Revised report and the number of that times revised

---------- End of the Test Report ----------

SWA ENVIRONMENTAL PRIVATE LIMITED AHMEDABAD