

Test Report

Customer:	Report No.:	TR/25-26/23770-1
M/s. Topfloor Sports Infra Private Limited	Report Date:	08-09-2025
Survey No.199, Vaghroda Village, Vaghroda Taluka - Kadi City:Mahesana ,382715	Customer Ref. No.:	Letter
	Ref. Date	14-08-2025
	Sample Received Date:	26-08-2025
	Date Of Completion:	06-09-2025

Test Performed by : VINAY KUMAR.T.V.

1) Sample details :

Sn	Item	Description
1	Name of the sample	EPDM Rubber
2	Part No	-
3	Model	-
4	Material	-
5	Lot No	-
6	Material Test std	ASTM G 154
7	Test Item	Accelerated weather Resistance Test
8	Lab sample ID number	TRC-23770
9	Discipline	Paint and Surface Coating
10	Pre condition start Date & Time	03-09-2025 @ 10.00 AM
11	Pre condition End Date & Time	05-09-2025 @ 10.00 AM
12	Test start Date & Time	05-09-2025 @ 10.00 AM
13	Test End Date & Time	06-09-2025 @ 04.00 PM
14	Sample drawn by	Customer

NOTE : This report relates only to the particular sample submitted for test * Any correction is not attested shall invalidate this certificate * Sample will be destroyed after 15 days from the date of testing unless instructed otherwise * Any complaints about this report should be communicated in writing within 7 days of this report * This report not to be produced wholly or in parts and cannot be used as an evidence in a court of law and shall not be used in advertising Media without prior permission in writing * Sample description is not verified in all cases and is given as described by the customers * Sample are not drawn by us unless otherwise stated * Laboratory reports the statements of Conformity to material specification as per Decision Rule 1, Non Conformity as per Decision Rule 4 & For Rule 2 & 3 Customer provides feedback.



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2) Received Sample Image :



3) General Condition:


Sn	Items	Description
1	Test Lab environment condition	Temperature : $23 \pm 2^{\circ}\text{C}$ & $50 \pm 5\%$ RH & Free from direct sunshine gases, vapors, dust & air circulation
2	Pre-condition of specimen	Temperature : $23 \pm 2^{\circ}\text{C}$ and $50 \pm 5\%$ RH for 24 Hrs
3	Qty of samples Test Condition	1 nos

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3) Test Details:

Sn	Item	Condition	
1	Light source	UV Blub - 313	
2	Light filter	Inner	Right light
		Outer	Quartz
3	Rising wavelength	310 nm point control	
4	Light intensity on specimen surface	0.55 W/m ²	
5	Light uniformity	Within ±10%	
6	Temperature control	(Black panel temperature) : During light irradiation : 60 ± 3°C During raining : 50 ± 3 °C (Air temperature - chamber) During light irradiation : 47 ± 2°C During raining : 38 ± 2°C	
7	Humidity inside tank	During light irradiation : 50 ± 5% During raining: 95% ± 5%	
8	Wind velocity	--	
9	Specimen rotation frame	Approx 1 rpm	
10	Water spray condition	During light irradiation - Light cycle : 12 minutes spraying during 18 minutes During non light irradiation - Dark cycle: 60 minutes spraying during 60 minutes	
	Cycle		
11	Water spray Rate	Approx 102 ml/min.	
12	Water temperature	--	
13	Water Quality	Deionizer water of greater than 105 ohms - cm with a pH of 6 to 8	
14	Operation cycle	 <pre> graph TD A[Irradiation 40 min. no spray] --> B[Irradiation 20 min. with spraying on front] B --> C[Irradiation 60 min. no spray] C --> D[Dark 60 min. with spraying on front and back sides] </pre>	
15	Total Hrs	72 Hrs	

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4) Test result summary:

Sn	Test items	Test method	Condition	Requirement	Observation	Result
1	UV Test	ASTM G 154	<u>UV Test condition:</u> Total irradiance : 183.9 KJ /M ² Total Test Hrs : 72 Hrs Light Cycle Hrs: 250 Hrs Dark Cycle : 250 Hrs No of samples tested : 1nos	i) Visual Evaluation : Shall be free of Discoloration, Crazing	No discolouration, observed after test	ok
				ii) Color Measurement by spectrometer [ΔE] : ≤ 3	5	ok
				iii) Color Measurement: By Gray scale Grade ≥ 4	4	ok



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5) Test Sample Image :



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6) Test Equipment :



7) Test Equipment Details :

Equipment name	Model	Equipment ID	Calibrated date	Calibration Next Due
UV Cabinet	BGD852	MTPL/PT/62	15-11-2025	14-11-2026

8) Conformity :

The UV test observation does not meet the customer requirement of ASTM G 154.

For MICROLAB

B Sudharsan

B. Sudharsan

Technical Director

Authorised Signatory

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

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