

EVERGREEN ECONOMY TESTING & RESEARCH LABORATORY ISO 9001 (CERTIFIED LABORATORY)

E-5/71, KH. 175, Street No. 12/2, 5th Pusta, Sonia Vihar, Delhi - 110094,
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TEST REPORT

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ISO :9001:2015 Certified

Sample No./Report No.	EETRL/2026031001/474		
Sample Particular	BALLICTIC RUBBER TILE		
Name And Address of customer	M/S FAB FLOORING S INDIA PVT LTD KHATA NO. -252 KILLA NO. -52//1/1 7-12 52/10/1/2 4-8,KH NO. -961, MIN KHATTA NO. 1076 & KH NO.-234 MIN, REVENUE ESTATE JHUNDPUR, KUNDLI, SONIPAT-131023 GSTIN:06AAFCF7628F1ZM HARYANA, Code: 06		
Date of receipt:	10.03.2026	Start date of Analysis	10.03.2026
Date of completion	25.03.2026	Report issue date:	25.03.2026
Condition of sample	OK	Sample Quantity:	2 PCS
Other Information	As per IS:4726:2025/specification /IS:3449:2024		
Sampled by Lab representative	By self	Page No.1 of 3	

TEST RESULTS

Sr. No.	Test Parameters Criteria for Evaluating Performance	Results/Obser vation	Test Method	Requirement As per specification
1.	Pill flammability	complies	ASTM D2859	Excellent pass
2.	Skid Resistance	complies	ASTM E303-93	Excellent pass
3.	Hardness Shore	complies	ASTM D2240	A60
4.	Ground Electrical Resistance	complies	ASTM F150	M ohms 169
5.	Compression Strength Test (Thickness 50mm)	complies	DIN 53577	Load=19950.83 N Compression Strength at 25% deflection = 4.39 Mpa
6.	Tensile Strength (After Aging at 70°C for 72 hrs)	complies	ASTM D573/ASTM D412	MPA 1.01
7.	Burning Behaviour Test	complies	FMVSS 302	6.3 mm/min
8.	Antimicrobial Test	comFAB FLOORING S INDIA PVT LTDplies	ASTM G21:2015	Aspergillus nigerATCC16404 Penicillium pinophilum Hedgcock ATCC 9644 Chaetomium glososum ATCC 6205 Trichoderma virens ATCC 9645 Aureobasidium pullulans ATCC 15233 0.45
9.	Sound Absorption Coefficients	complies	ASTM C423	Noise Reduction Coefficient (NRC)
10.	Reaction to Fire Tests for Floorings. Determination of the Burning Behaviour using a Radiant Heat Source	complies	AS/ISO 9239.1-2003	CHF Value 1, Non-Directional ≤ 1.1 kW/m ² , Smoke Value 1, Non-Directional 1869% min
11.	UV Exposure (150°C)	complies	ISO: 4892-3	By chemical Analysis ISO: 4 SBR Blend Rubber No effect
12.	Critical Fall Height	complies	BS EN 1177:2008	Pass
13.	Slip Resistance Ease of Ignition	complies	BS	pass
14.	Abrasion	complies	ASTM D4060: 2019	Wheel: CS-10, Test Load: 1000g No. of Cycles: 3000, Before Weight (mg) 28940, After 3000 Cycle Weight 28902.3, Weight
15.	Flammability	complies	49 CFR PART 571-302 FMVSS302-2019	pass
16.	Density	complies	ASTM D792: 2020 (Method-A)	1.092 (g/cm ³), Thickness 20mm
17.	Durometer Hardness (shoreA)	complies	ASTM D2240: 2015	65 (Shore A), Thickness 20mm



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TEST RESULTS

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Sr. No.	Test Parameters	Results/Observation	Test Method	Requirement As per IS/specification
18	Tear Resistance	complies	ASTM D624: 2000 [(RA: 2012)	17.8 Tear Strength (KN/m)
19	Hardness (Shore A)	complies	ASTM D2240: 2015	65 Hardness (Shore A)
20	Tensile Strength	complies	ASTM D412: 2016	2.44 Tensile Strength (MPa)
21	Compression Set	complies	ASTM D395: 2018,	87.47 Compression Set (%) Compression: 25% thickness, Compression Condition: at 100°C for 72 hours
22	Compression Deformation	complies	ISO815-12019 (Method -A)	84.7 Compression Deformation Set (%) Compression: 25% thickness Compression Condition: at 100°C for 72 hours
23	Ballistic Rubber Perforation	complies	NIJ 0108.01 Level 3	No Perforation
24	Ballistic Rubber Perforation	complies	NIJ 0108.01 Level 3	No Perforation
25	Surface Flammability of Carpets and Rugs (16 CFR Chapter II, Subchapter D, Part 1630 CPSC FF 1-70)	complies	ASTM D2859	Passes the Federal Flammability Standard CPSC FF 1-70
27	Tear Strength	complies	ASTM D3575	10.1 lbs
28	Thickness	complies	ASTM D3676	0.399 Inch
29	Puncture Resistance	complies	ASTM F1306	Force to Penetrate 180.4 Newtons, Elongation 25.3 mm
30	Smoke Density (Non-Flaming) Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials	complies	hod DV	This material meets the requirements of NFPA Life Safety code for ASTM E662 of not to exceed 450 DMC.
31	Smoke Density (Flaming) Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials	complies	NIJ 0108.01 Level 3	0.08 Watts/Square Cm*
32	Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source, also referenced as NFPA 253 and FTM Standard 372	complies	hod DV	Condition: at 100°C for 72 hours
33	Water Vapor Transmission of Materials: Water Method	complies	ASTM E662	Water Vapor Emission 4.671 grains/ft ² /hr (16.015lbs /1000 ft ² /24 hrs), PERMEANCE 6.78 grains/hr/ft ² /Hg
34	Tearing Strength of Fabrics by Trapezoid Procedure	complies	for ASTM E662	CROSS DIRECTION 1018.165 MACHINE DIRECTION 95.7205

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TEST RESULT

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Sr. No.	Test Parameters	Results/Observation	Test Method	Requirement As per IS/specification
35	Coated Fabrics Abrasion Resistance (Rotary Platform Double-Head Abrader)	complies	ASTM E648	End point has not been reached.
36	Durometer Hardness	complies	ASTM E96	72
37	Resistance to Chemicals	complies	ASTM D5587	No Change to all with the exception of Slight Change to Kerosene
38	Static and Kinetic Coefficients of Friction of Plastic Film and Sheeting	complies	ASTM D4533	0.66
39	Breaking Load and Elongation	complies	ASTM D3389	Force to Penetrate 180.4 Newtons, Elongation 25.3 mm
40	Static Coefficient of Friction by the H Static Coefficient of Friction by the Horizontal	complies	ASTM D2240	This material meets the requirements of NFPA Life Safety code for ASTM E662 of not to exceed 450 DMC.
41	Breaking Load and Elongation	complies	ASTM F925	This material meets the requirements of NFPA Life Safety code for ASTM E662 of not to exceed 450 DMC
42	Fire spread test	complies	ASTM 84	rating class 3
43	Smoke spread rating	complies	ASTM 84	rating class 1

NOTE: PARTY ASKS FOR ABOVE TESTS ONLY (THE RESULTS RELATED TO THE ITEM TESTED.)ND-NOT DETECTED

End of Report

Tested by:

Reviewed by:



Terms & Conditions: 1. Test reports are valid only for the samples tested in our laboratory. 2. Samples will be destroyed after one month from the date of issue of test certificates unless otherwise specified. 3. Samples tested are Non-Returnable until specified at time of sample submission. 4. This report will not be valid for judicial purpose. 5. Total liability of our laboratory is limited to invoiced amount.