



TEST REPORT

SAMPLE ID: A2507050005-0001

ECOFUZE BOARD

S. No.	Test Parameters	Observed Value	Test Method
1.	Moisture Content, % by mass	Nil	IS 2380(P-3):1977
2.	Static Bending Strength, N/mm ²	106.2	IS 2380(P-4):1977
3.	Bending Strength, Load in Newton	1910	IS 2380(P-4):1977
4.	Water Absorption (at 24 hours), %	0.24	IS 2380(P-16):1977
5.	Boiling water proof test	Passes the Test	IS 1734(P-6):1983 (Guideline)
6.	Tensile Strength, N/mm ²	11.2	IS 2380(P-6):1977
7.	Compressive Strength, N/mm ²	32.8	IS 2380(P-7):1977 (Guideline)
8.	Flexural Strength, N/mm ²	65.5	IS 1734(P-11):1983 (Guideline)
9.	Modulus of Elasticity (Young's Modulus), N/mm ²	12880	IS 2380(P-4):1977
10.	Screw Pull Test, Kg	231.3	IS 2380(P-14):1977
11.	Nail Holding Test, Kg	157.1	IS 2380(P-14):1977
12.	Shear Strength, Kg	157.5	IS 2380(P-9):1977
13.	Impact Resistance test (mass of hammer use- 500 gm) Average Drop of Height at the final Failure, mm	1250	IS 2380(P-10):1977

*** END OF TEST REPORT ***



REVIEWED BY
(ASHISH)



AUTHORISED SIGNATORY
(SUDHANSHU SINGHAL)

AJEO Testing Labs Private Limited (CIN NO.: U71200DL2023PTC421289)

13A/08 SITE -II LONI ROAD INDUSTRIAL AREA MOHAN NAGAR GHAZIABAD UTTAR PRADESH 201007

Phone: 8010296901 || Web: www.ajeo.co.in || Email: ak@ajeo.co.in

Govt Approved, ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory

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