

Universal Testing and Research Centre

(A division of Sustainable Stewardship Private Limited)

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An ISO 17025: 2017 accredited laboratory

Test Report

Issued to: M/s AFYUN PLYWOOD INDUSTRIES # 154h, Industrial Area, Baikampady, Surathkal Hobli, Mangalore, Karnataka - 575011	Report No: UTRC/22120602
Date of Manufacturing: NIL	Report Date: 31/12/2022
Document Number: UTRCQR-36	Date of Completion: 30/12/2022
Page: 01	Date Received: 06/12/2022

Sample Description: External Plywood (2440x1220x12mm)

Sample Identification: Nil

Testing Standard: EN 13986

Sr. No.	Performance Characteristic	Clause	Method	Result
1.	Durability against ageing (Bending Strength)	5.1	EN 310	Longitudinal: 54.5 N/mm ²
				Lateral: 54.9 N/mm ²
2.	Bending stiffness (Modulus Of Elasticity)	5.2	EN 310	Longitudinal: 6548.9 N/mm ²
				Lateral: 5568.2 N/mm ²
3.	Bonding Quality	5.3	EN 314-1	Class 3
4.	Durability (Moisture Resistance)	5.6.5	EN 314-1	Immersion in boiling water pass
5.	Release of Formaldehyde	5.7	EN 717-1	E1
6.	Reaction to fire	5.8	EN 13501-1	Class: D-s2, d0
7.	Water vapor Permeability	5.9	EN ISO 12572:2001	Factor Wet: 90
				Factor Dry: 220
8.	Thermal conductivity	5.12	EN 12664	0.20 W/mK
9.	Biological durability	5.17	EN 335	UC 3

Mukul Garg

Reviewed By

Sudhir Kumar Mishra

Authorised Signatory

Digitally signed by
SUDHIR KUMAR MISHRA
Date: 2023.01.19
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Note:

- The results listed refer only to tested samples and applicable parameters. Endorsement of product is neither inferred nor implied.
- Total liability of our lab is limited to the invoiced amount.
- Samples will be destroyed after 90 days from the date of test report unless otherwise specified.
- This report is not to be reproduced wholly or in part and cannot be used as an evidence in the court of law and should not be used in any Advertising media without our special permission in writing.
- Report refer to the sample submitted to us and not drawn by us unless mentioned otherwise.

**** End of Report****

Page 1 of 1