



काष्ठ कम्पोजिट जाँच एवं मूल्यांकन केन्द्र
Center for Testing And Evaluation of Wood Composites
भारतीय प्लाईवुड उद्योग अनुसंधान और प्रशिक्षण संस्थान
INDIAN PLYWOOD INDUSTRIES RESEARCH AND TRAINING INSTITUTE

(भारत सरकार, पर्यावरण एवं वन मंत्रालय का स्वायत्त निकाय)
(Autonomous Body of the Ministry of Environment & Forests, Government of India)

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No. Dir./Airolam/4900/Chem-6843/2015/Gujarat

Date: 30.11.2015

One sample of High Pressure Decorative Laminate received from M/s. Airolam Limited, Dalpur Village, Nanapur Approach Road, Ta.: Prantij, Dist.: S.K., Gujarat-383120, was tested for Formaldehyde Emission by the Chamber method as per EN717 (1).

Ref: Your letter No. Nil dated 11.07.2015

Sample Code: 639 SF

TEST REPORT

a. Type of the Chamber	: Small Chamber 1 m ³ .
b. Name of the manufacturer	: M/s. Airolam Limited
c. Date of sample received	: 04.08.2015
d. Date of test starting	: 19.10.2015
e. Date of ending test	: 17.11.2015
f. Test condition & Analytical Procedure	:
1. Moisture content	: 2.59036%
2. Thickness of the sample	: 1.006 mm
3. Density	: 1344.725 kgs/m ³
4. Temperature	: 23 ± 0.5 ⁰ C
5. Relative Humidity	: 45 ± 3%
6. Sample exchange	: 120 lt/hr.
7. Sample collection	: After 3 hours
g. Emission value on day 1 (First day)	: 0.034 mg/m ³
h. Steady state emission Value	: 0.0196 mg/m ³
i. Days required	: 28 days
j. E ₁ Emission class as per EN 717-1	: ≤ 0.124mg/m ³

The steady state emission value is 0.0196 mg/m³ after 28 days of test duration which is lesser than 0.124 mg/m³ prescribed for E₁ emission class. The steady state emission value tested as per EN 717-1/ ISO 12460 meets the requirement of E₁ emission class prescribed in EN 13896:2004(E).

Note: The test report is relevant to the sample received for testing.

Director

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