



काष्ठ कम्पोज़िट 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)
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No.JD/SPIL/3747/Chem-4553/2011/Assam

Date: 05-08-2011

One sample of Plywood (MR grade) received from M/s.Sarda Plywood Industries Ltd., Rajkot-Gonda Highway Village, Shapar-360024, Dist. Rajkot (Gujarat), was tested for formaldehyde emission by the Chamber method as per EN717 (1).

Ref: Letter No. Nil dated 09-04-2011

Test Report

a. Type of the Chamber	:	Small Chamber 1 m ³ .
b. Name of the manufacturer	:	M/s.Sarda Plywood Industries Ltd.,
c. Date of sample received	:	13.04.2011
d. Date of test starting	:	14.06.2011
e. Date of ending test	:	20.07.2011
f. Test condition & Analytical Procedure	:	-
1. Moisture content	:	5.56%
2. Thickness of the sample	:	12.49 mm
3. Density	:	0.666 gms/cm ³ = 666.79 kg/m ³
4. Temperature	:	23 ± 0.5 ⁰ C
5. Relative Humidity	:	45 ± 3%
6. Sample exchange	:	120 lt/hr.
7. Sample collection	:	After 3hours
g. Emission value on day 1 (First day)	:	0.094 mg/ m ³
h. Steady state emission Value	:	0.059 mg/ m ³
i. Days required	:	37 days
j. E ₁ Emission class as per EN 717-1	:	≤ 0.124mg/ m ³

The steady state emission value is 0.059 mg/m³ after 37 days of test duration which is less than 0.124mg/ m³ prescribed for E₁emission 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.

संयुक्त निदेशक
Joint Director

भारतीय प्लाईवुड उद्योग

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