

# Certificate

## Management System Format Number : CLL-MSF-5.10-01-01G

Issued from: Choksi Laboratories Limited, Indore.

Issued to:	RAJRATAN MARKETING INDORE, MADHYA PRADESH.	CoA ID:	03292-II/12-13
		Issue Date:	16/05/2012 (dd/mm/yyyy)
		Customer Ref. No. 1:	NM
		Customer Ref. No. 2:	NM
		Customer ID:	R1177

Sample Particulars: RECYCLED BOARD

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Sample Received Date: 09/05/2012	Date of Completion of Analysis:	15/05/2012
Quantity: 5 Sheet	Packing: NM	Sealed/Unsealed: NM
Batch No.: NM	Date of Mfg.: NM	Date of Exp.: NM
Other Details: NM		

(A) Table - 1

Sr. No.	Characteristic	Unit	Result	Specification
i	Water absorption after 24 hrs.	%	0.05	See note below <sup>#</sup>
ii	Lead	%	0.002	
iii	Arsenic	%	Not detected	
iv	Mercury	%	Not detected	
v	Resistance to boiling water for 3 hrs.	Not Applicable	No evidence of disintegration discoloration & swelling after test	
vi	Resistance to acid	Not Applicable	Does not show any sign of disintegration and no sign of change of colour to be observed after test	
vii	Resistance to acetone solvent for 6 hrs.	Not Applicable	Does not show any sign of disintegration and no sign of change of colour after test	
viii	Resistance to alkali	Not Applicable	Does not show any sign of disintegration and no sign of change of colour after test	
ix	Resistance to benzene solvent for 6 hrs.	Not Applicable	Does not show any sign of disintegration and no sign of change of colour after test	
x	Salt spray test for 72 hrs.	Not Applicable	No sign of disintegration to be observed	
xi	Compressive strength	PSI	5222	
xii	Aluminium oxide	% by mass	29.42	

- Note:
1. Supplementary CoA ID : 03292-II/12-13 to CoA ID : 03292-I/12-13. Please read in conjunction to the done.
  2. <sup>#</sup>The Customer has not requested/provided any specification.
  3. Method of Analysis is provided by the Customer.

For Choksi Laboratories Ltd.  
Authorised Signatory

Rajesh Jadhav (ID: 00034)  
Division Manager Building Materials  
Authorised Signatory



**Quality Marking & Testing Laboratory**  
**M.P. Laghu Udyog Nigam Ltd.,**  
(M.P. Government Undertaking)  
Pologround Industrial Estate, INDORE - 452 015 (M.P.)  
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Sr. No. **1396**

### TEST CERTIFICATE

Issued to: M/s, Rajratan Technique &  
Technology Pvt.Ltd.,  
7/1, Dr. R.S. Bhandari Marg,  
Race Course Road, INDORE-(M.P.)

CERTIFICATE No. 257/02-03  
Date 23.5.2002  
Your Ref. No. Nil.  
Dated 6.5.2002

Sample Particulars: One sample of M.D.F. Board 12mm, "Rajratan Classic  
Decorative Board", for complete testing as per IS:12406-88.

### TEST RESULTS (Tested as per IS:12406-88)

S.No.	Tests	Results observed
1.	Finish :	Satisfactory
2.	Avg. Thickness of Board(mm) :	11.00
3.	Density (kg/cu.m) :	1097
4.	Moisture Content (%) :	8.00
5.	% Water Absorption :	
i.	After 2 Hrs. (%) :	1.95
ii.	After 24 Hrs.(%) :	3.72
6.	Swelling in Water:	
i.	Thickness (%) :	2.18
ii.	Length (%) :	0.25
iii.	Width (%) :	0.30
7.	Modulus of Rupture (N/sq.mm) :	9.72
8.	T.S. Perpendicular to surface (N/sq.mm) :	0.35
9.	Screw withdrawal strength :	
i.	Face (N) :	1650
ii.	Edge (N) :	1320

*Handwritten signature/initials*

*Loyanes*  
Authorised Signatory  
General Manager