



**CIVIL-AID**

Ref: CIVIL-AID: MT: PW:BL/586(a)/1/2017  
Test order dated : 6.1.17

Date : 25.1.2017

M/s Ecowood Exports Private Limited  
# 325/3, 1<sup>st</sup> Floor, 20<sup>th</sup> Main  
11<sup>th</sup> Cross, "F" Block, Sahakarnagar  
Bangalore 560 092

**TEST REPORT ON PLYWOOD SAMPLE**

Source of sample	:	Sample supplied by the customer
Customer's Reference	:	Letter dated 6.1.17 and 25.1.17
UIN	:	17000605
Project*	:	Not furnished
Thickness*	:	6mm
Grade*	:	MR
Brand*	:	Somaniply
Period of test	:	16.1.17 to 20.1.17
Condition of sample	:	Satisfactory
Test Method	:	IS:1734-1983 (Reaffirmed 2008)

Sl No	Test conducted	Test Results	Requirements as per IS:303 – 1989 (Reaffirmed 2008)
1	Density (kg/m <sup>3</sup> )	781	Not Specified
2	Moisture Content (%)	6.0	5 – 15
3	<b>Glue Adhesion</b> a) Adhesion of plies	Resistance to Separation	Should be Resist to separation
	b) Glue Shear Strength (N)	1624	Min. 1000
4	<b>Water Resistance</b> a) Adhesion of Plies	Resistance to Separation	Should be resist to separation
	b) Glue Shear Strength (N)	1506	Min. 800 N
5	<b>Tensile Strength (N/Sq. mm)</b> a) Parallel to grain	77.2	Not Specified
	b) Perpendicular to grain	54.9	
	c) Total	132.1	
6	<b>Static Bending Strength (Dry) (N/mm<sup>2</sup>)</b> a) Parallel to Grains Direction	87.5	Min. 30
	b) Perpendicular to Grains Direction	83.1	Min. 15
7	<b>Static Bending Strength (Wet) (N/mm<sup>2</sup>)</b> a) Parallel to Grains Direction	62.5	Not Specified
	b) Perpendicular to Grains Direction	60.3	

\* As furnished by the customer

- Note: 1. The results relate only to the items tested.  
2. Report shall not be reproduced, except in full without the written approval of the lab.  
3. Any correction invalidates this report.

for **CIVIL AID TECHNOCLINIC PVT. LTD.**

*Shirley*  
25/1/2017

**Civil Aid Technoclinic Pvt. Ltd.**  
(A Bureau Veritas Group Company)  
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CIVIL-AID

Ref: CIVIL-AID: MT: PW:BL/586(b)/1/2017  
Test order dated : 6.1.17

Date : 25.1.2017

M/s Ecowood Exports Private Limited  
# 325/3, 1<sup>st</sup> Floor, 20<sup>th</sup> Main  
11<sup>th</sup> Cross, "F" Block, Sahakarnagar  
Bangalore 560 092

**TEST REPORT ON PLYWOOD SAMPLE**

Source of sample	:	Sample supplied by the customer
Customer's Reference	:	Letter dated 6.1.17 and 25.1.17
UIN	:	17000605
Project*	:	Not furnished
Thickness*	:	12mm
Grade*	:	MR
Brand*	:	Somanply
Period of test	:	16.1.17 to 20.1.17
Condition of sample	:	Satisfactory
Test Method	:	IS:1734-1983 (Reaffirmed 2008)

Sl No	Test conducted	Test Results	Requirements as per IS:303 – 1989 (Reaffirmed 2008)
1	Density (kg/m <sup>3</sup> )	695	Not Specified
2	Moisture Content (%)	6.0	5 – 15
3	<b>Glue Adhesion</b> a) Adhesion of plies	Resistance to Separation 1685	Should be Resist to separation Min. 1000
	b) Glue Shear Strength (N)		
4	<b>Water Resistance</b> a) Adhesion of Plies	Resistance to Separation 1536	Should be resist to separation Min. 800 N
	b) Glue Shear Strength (N)		
5	<b>Tensile Strength (N/Sq. mm)</b> a) Parallel to grain	53.9	Not Specified
	b) Perpendicular to grain	41.0	
	c) Total	94.9	
6	<b>Static Bending Strength (Dry) (N/mm<sup>2</sup>)</b> a) Parallel to Grains Direction	79.3	Min. 30
	b) Perpendicular to Grains Direction	57.8	Min. 15
7	<b>Static Bending Strength (Wet) (N/mm<sup>2</sup>)</b> a) Parallel to Grains Direction	72.0	Not Specified
	b) Perpendicular to Grains Direction	48.0	

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for CIVIL AID TECHNOCLINIC PVT. LTD.

Civil-Aid Technoclinic Pvt. Ltd.  
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CIVIL-AID

Ref: CIVIL-AID: MT: PW:BL/586(c)/1/2017  
Test order dated : 6.1.17

Date : 25.1.2017

M/s Ecowood Exports Private Limited  
# 325/3, 1<sup>st</sup> Floor, 20<sup>th</sup> Main  
11<sup>th</sup> Cross, "F" Block, Sahakarnagar  
Bangalore 560 092

**TEST REPORT ON PLYWOOD SAMPLE**

Source of sample	:	Sample supplied by the customer
Customer's Reference	:	Letter dated 6.1.17 and 25.1.17
UIN	:	17000605
Project*	:	Not furnished
Thickness*	:	19mm
Grade*	:	MR
Brand*	:	Somaniply
Period of test	:	16.1.17 to 20.1.17
Condition of sample	:	Satisfactory
Test Method	:	IS:1734-1983 (Reaffirmed 2008)

Sl No	Test conducted	Test Results	Requirements as per IS:303 – 1989 (Reaffirmed 2008)
1	Density (kg/m <sup>3</sup> )	691	Not Specified
2	Moisture Content (%)	6.0	5 – 15
3	<b>Glue Adhesion</b> a) Adhesion of plies	Resistance to Separation	Should be Resist to separation
	b) Glue Shear Strength (N)	1711	Min. 1000
4	<b>Water Resistance</b> a) Adhesion of Plies	Resistance to Separation	Should be resist to separation
	b) Glue Shear Strength (N)	1539	Min. 800 N
5	<b>Tensile Strength (N/Sq. mm)</b> a) Parallel to grain	54.8	Not Specified
	b) Perpendicular to grain	46.7	
	c) Total	101.5	
6	<b>Static Bending Strength (Dry) (N/mm<sup>2</sup>)</b> a) Parallel to Grains Direction	65.1	Min. 30
	b) Perpendicular to Grains Direction	47.6	Min. 15
7	<b>Static Bending Strength (Wet) (N/mm<sup>2</sup>)</b> a) Parallel to Grains Direction	46.1	Not Specified
	b) Perpendicular to Grains Direction	30.9	

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for CIVIL AID TECHNOCLINIC PVT. LTD.

*Shiraj*  
25/1/2017

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