

**The Trusted Choice for Strong Foundations**



**SHOORA®**

BADHTE BHARAT KA  
MAJBOOT PLYWOOD



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Online  
Brochure

*Shoora*

## **Strength That Builds the Nation**

Shoora Shuttering Plywood is engineered for superior performance in demanding construction environments. Manufactured using premium hardwood veneers and advanced bonding technology, Shoora shuttering plywood delivers exceptional strength, durability, and water resistance.



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## About Shoora

Shoora Plywood is a trusted name in the construction and infrastructure sector, delivering high-performance plywood solutions designed for durability, strength, and reliability. With a strong commitment to quality and innovation, Shoora combines modern manufacturing processes with strict quality control standards to produce shuttering plywood that meets the evolving demands of large-scale construction projects.

Our mission is simple – to provide dependable plywood solutions that support stronger, safer, and more efficient construction.



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# What is Shuttering Plywood?

Shuttering plywood is a specially engineered plywood used in concrete formwork during construction. It provides temporary support structures that hold wet concrete in place until it hardens and gains strength.

Shoora Shuttering Plywood is designed to withstand heavy loads, repeated usage, and harsh weather conditions. Its smooth film-coated surface ensures easy removal from concrete while delivering a clean and uniform finish.

## Applications include:

- ▶ Bridges
- ▶ High-rise buildings
- ▶ Flyovers
- ▶ Industrial structures
- ▶ Infrastructure projects
- ▶ Foundations and slabs
- ▶ Residential Construction
- ▶ Commercial Buildings
- ▶ Bridges & Flyovers
- ▶ Metro Rail Projects
- ▶ Industrial Infrastructure
- ▶ Dams & Large Concrete Structures

Its high durability and reusability make it a preferred choice for contractors and project developers handling large-scale construction projects.

“  
**TRUSTED BY THE  
NATION'S BIGGEST  
PROJECTS**





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# Why Choose Shoora Plywood?



## Proven Strength

Built to withstand heavy concrete loads and repeated use.



## Cost-Effective Performance

Multiple reusability reduces project costs significantly.



## Reliable Quality

Manufactured using advanced technology and quality materials.



## Consistent Performance

Trusted by contractors, engineers, and builders across major infrastructure projects.



## Nation-Building Contribution

Shoora products contribute to some of the most demanding construction works, supporting India's growing infrastructure.



Waterproof



Higher screw & nail  
bearing strength



Borer free &  
termite resistant



100% seasoned  
& treated



Dimensionally Stable





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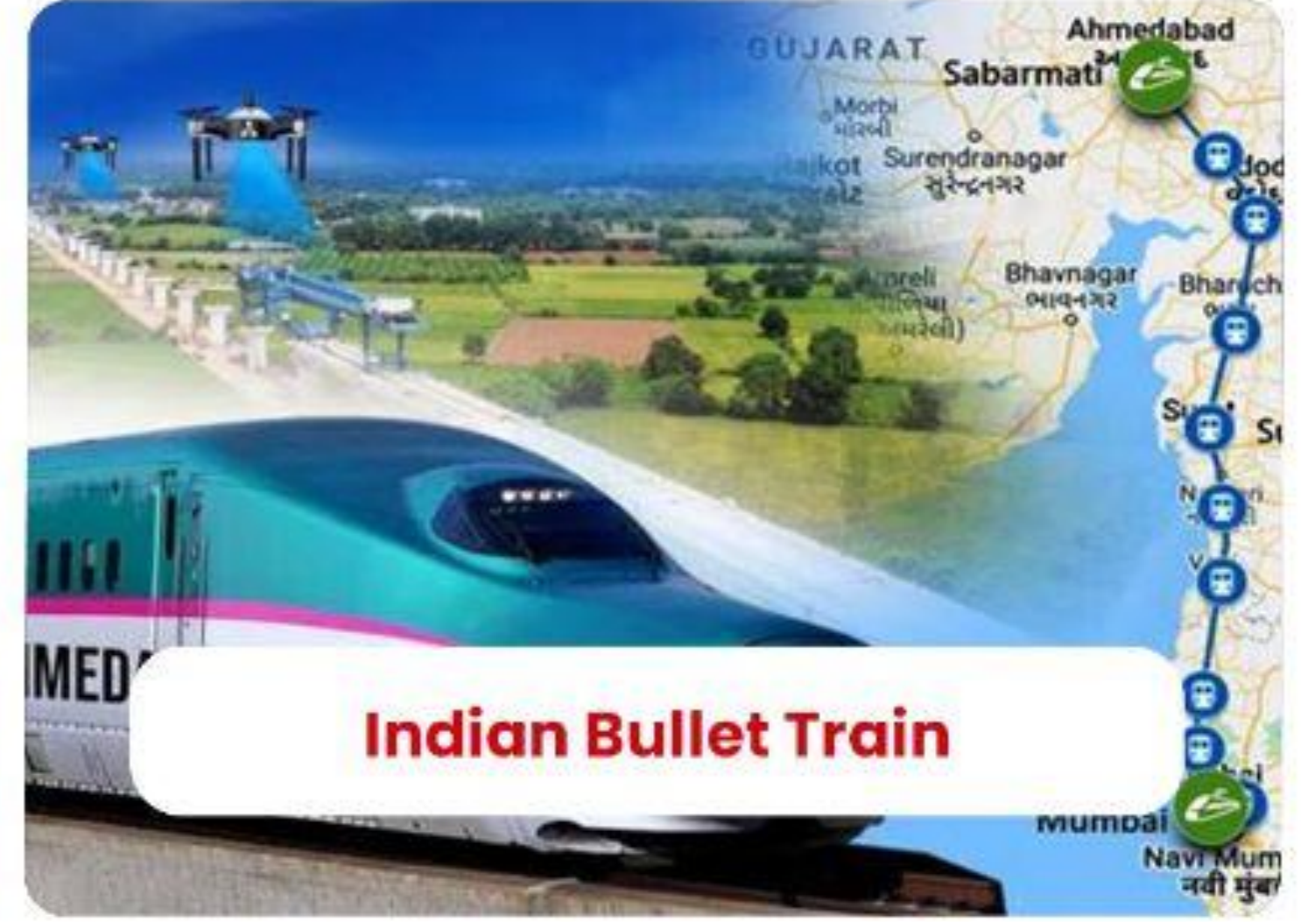
# Our Projects



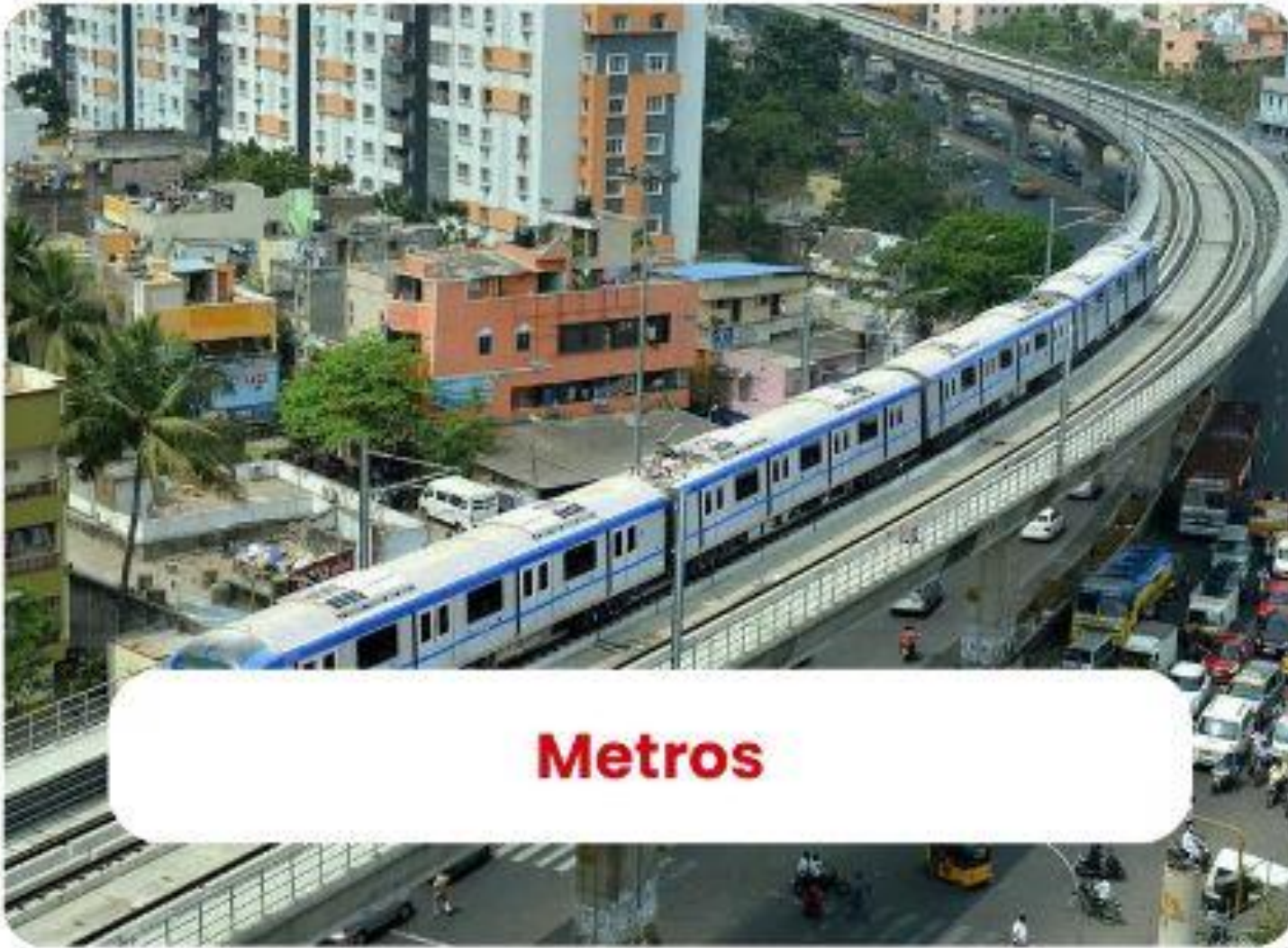
**Indian New Parliament**



**Navi Mumbai Airport**



**Indian Bullet Train**



**Metros**



**Railways**



**Bridges**



**Road Infra**



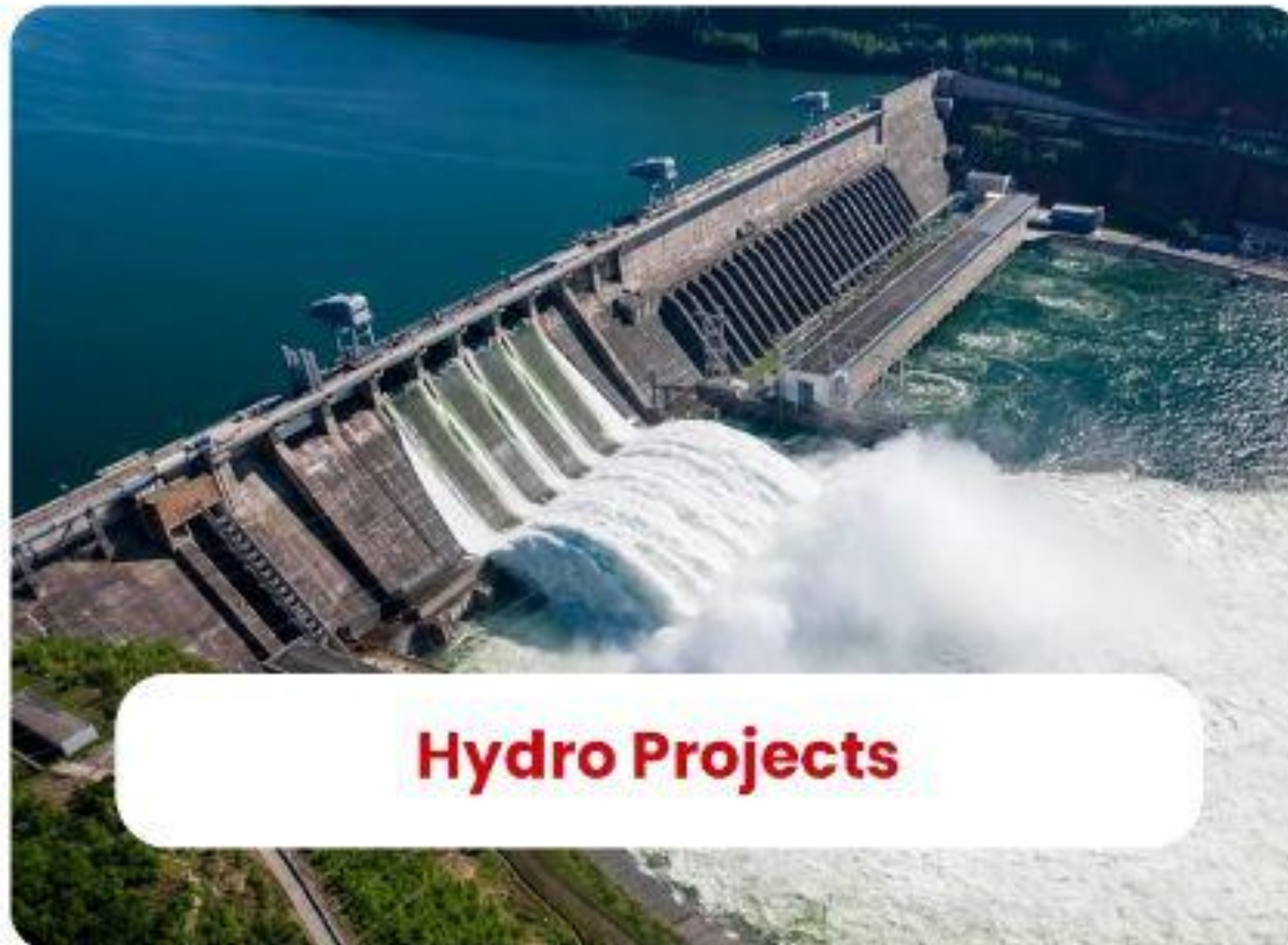
**Indian Naval**



**Shipyards**



**Construction Industry**



**Hydro Projects**



**Indian Railway**



**SHOORA**<sup>®</sup>

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Brand :- Shoora | Product :- Plywood for FILM FACED Shuttering  
Weight 34 kgs | Dimensions :- 2440 X 1220 X 12mm  
Batch Number: - MLPL-March -2023-24/ 12  
DOM :- 25/3/24 | Type Grade :- Type 3,  
CSFF Protocol Used :- IS  
4990:2011

S.NO	Test Parameters	Unit	Standard Values	Result Observed
01	Thickenss	mm.	+ -5%	12
02	Length	mm.	(+) 6. (-) 0	2440
03	Width	mm.	(+) 3. (-) 0	1220
04	Squareness	%	0.2 % max	0.18%
05	Edge Straightness	%	0.2 % max	0.15%
06	Moisture Content	%	5-15 % max	8%
07	Adhesion of Plies (In Dry State )	-	Some adherent fiber distributed more of less uniformity	Excellent Bond
08	Boiling water test for 72 Hrs & Adhesion of Plies (In Wet Stale)	-	Some adherent fiber distributed more of less uniformity	Excellent Bond
09	Glue Shear Strength (In Dry State)	N	Average 1350 N min Individual 1100 N min	1540 N 1345 N
10	Glue Shear Strength (In Dry State)	N	Average 1000 N min Individual 800 N min	1250 N 960 N
11	Static Bending Strength Along the grain MOE  Across the grain MOR  Along the grain MOE  Across the grain MOR	N/mm2	Average 7500 N/mm2 Individual 6700 N/mm2  Average 50 N/mm2 Individual 45 N/mm2  Average 4000 N/mm2 Individual 3600 N/mm2  Average 30 N/mm2 Individual 27 N/mm2	7680 N/mm2 6988 N/mm2  57 N/mm2 50 N/mm2  4350 N/mm2 3940 N/mm2  33 N/mm2 30 N/mm2
12	Tensile Strength	N/mm2	Along the grain 32.50 N/mm2 Across the train 22.50 N/mm2	37N/mm2 29N/mm2
13	Wet Bending Strength Along the grain MOE  Across the grain MOR  Along the grain MOE  Across the grain MOR	N/mm2	Average 3750 N/mm2 Individual 3400 N/mm2  Average 25 N/mm2 Individual 22 N/mm2  Average 2000 N/mm2 Individual 1800 N/mm2  Average 15 N/mm2 Individual 13 N/mm2	3910 N/mm2 3680 N/mm2  31 N/mm2 28 N/mm2  2250 N/mm2 2050 N/mm2  20 N/mm2 18 N/mm2

Remarks: The product sample tested in accordance with IS **4990:2011** and all the results arcfound Satisfactory.



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## CERTIFICATE

This is to Certify that the Management System of

### M/S MARUTI SEASONING AND CHEMICAL WOODS

KH. NO. 246/3, PH. NO. 41, VILL- DUMARDIH, UTAI, DURG,  
CHATTISGARH PIN CODE:- 491107

has been found to conform to the Quality Management System standard:

**ISO 9001:2015**

This certificate is valid for the following scope of operations:

**MANUFACTURING AND SUPPLY OF PLYWOOD**

IAF Code: 06

NACE Code: 16.21

**:: Certificate No :: IN122366A**

<u>Date of initial registration</u>	<u>Date of this Certificate</u>	<u>Surv. audit on or before / Certificate expiry</u>	<u>Recertification Due</u>
19 January 2024	07 March 2026	18 January 2027	18 January 2027

This Certificate remains valid subject to satisfactory surveillance audits.



Director



For verification and updated information concerning the present certificate visit to [www.lmsassessments.com](http://www.lmsassessments.com)  
This Certificate is the property of LMS Certifications Private Limited and shall be returned immediately when demanded.



CB-QMS-006

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**BUREAU OF INDIAN STANDARDS  
BIS, Patna Branch Laboratory (PBL)**

ULR No. :

DOC No. : Bureau of Indian Standards, Patliputra Industrial  
Telephone : Estate, Patna, Patna, Bihar, India - 800013  
FAX : -  
E-Mail : [pbol@bis.gov.in](mailto:pbol@bis.gov.in)  
BO Code : RPBO

**Test REPORT AS PER : IS 4990 (2024)**

**QR Code/Barcode : 100000922162**

**REPORT NO : RPBO/120000720/20250817/FS/  
1\_1**

DATE : 29 Dec, 2025

PART A. PARTICULARS OF SAMPLE SUBMITTED

a) Customer Name & Address : -  
b) Nature of sample : FS  
c) Grade/Variety/Type/Class Size etc : Grade- BWP,Type-3, Designation -CSFF , Size-  
2400x1200x12 mm , ,7 ply ,Class-E2  
d) Declare values, if any : Grade- BWP,Type-3, Designation -CSFF , Size-  
2400x1200x12 mm , ,7 ply ,Class-E2  
e) Batch No. & Date of Manufacture : MSCW-070/  
f) Quantity : 1 sheet  
g) Date of Receipt : 26 Sep, 2025  
h) BIS Seal : Verified by Sample Cell  
i) IO's Signature : Verified by Sample Cell  
j) Any other Information / Expiry Date, If any : Plywood For Concrete Shuttering works  
Specifications /  
k) Date of Commencement of Testing : 07 Nov, 2025  
l) Date of Completion of Testing :  
m) Section Code : 25M7032N  
n) Section Report No. : 25M7032N\_1  
o) Report Type : New  
p) Reference Report No. :  
q) Remarks :

**Anuj Kumar**  
**OIC SAMPLE CELL**  
(Authorized Signatory)  
Authorized on: 29 Dec, 2025 11:01 AM

**SHOORA**<sup>®</sup>BADHTE BHARAT KA  
MAJBOOT PLYWOOD**Section Report No. : 25M7032N\_1**

IS 4990 (2024)

## PART C. TEST RESULT

S.No.	Clause No Table No. Sl. No	Parameter - Method of test	Test Description	Min Limit	Max Limit	Unit	Result/ Observation
1	CI-7.3	Edge Straightness	-	-	0.2	%	0.02
2	CI-7.1	Dimensions (width)	-	1200.0	1203.0	mm	1200.0
3	CI-10.10, Table-4 (i) b	Wet Bending Strength - Modulus of Elasticity (MOE),- Minimum individual	N/mm <sup>2</sup>	-	-	-	Wet Bending Strength Across (perpendicular to the grain direction of the face veneer) - 1 - MOR (Avg-17 MPa, Min. -15 MPa) - Result - Average -52.70 MPa, Min. -37.43 MPa 2 - MOE (Avg-2300 MPa, Min. -2100 MPa) - Result - Average -4073.89 MPa, Min. -3017.43 MPa
4	CI-10.10, Table-4 (i) a	Wet Bending Strength -Modulus of Elasticity (MOE),- Average	N/mm <sup>2</sup>	-	-	-	Wet Bending Strength Along (parallel to the grain direction of the face veneer) - 1 - MOR (Avg-21 MPa, Min. -19 MPa) - Result - Average -59.76 MPa, Min. -55.88 MPa 2 - MOE (Avg-3200 MPa, Min. -2900 MPa) - Result - Average - 7147.46MPa, Min. -5796.15 MPa
5	CI-10.9, Table-3 (ii)	Across (perpendicular to the grain direction of the face veneer)	-	-	-	-	Across (perpendicular to the grain direction of the face veneer) - 1 - MOR (Avg-35 MPa, Min. -31 MPa) - Result - Average -96.56 MPa, Min. -90.85 MPa 1 - MOE (Avg-4600 MPa, Min. -4100 MPa) - Result - Average -7197.99 MPa, Min. -4442.78 MPa
6	CI-10.9, Table-3 (i)	Along (parallel to the grain direction of the face veneer)	-	-	-	-	Along (parallel to the grain direction of the face veneer) - 1 - MOR (Avg-43 MPa, Min. -38 MPa) - Result - Average -65.17 MPa, Min. -53.81 MPa 1 - MOE (Avg-6400 MPa, Min. -5700 MPa) - Result - Average -6798.74 MPa, Min. -6076.13 MPa



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**Section Report No. : 25M7032N\_1**

IS 4990 (2024)

PART C. TEST RESULT

S.No.	Clause No Table No. Sl. No	Parameter - Method of test	Test Description	Min Limit	Max Limit	Unit	Result/ Observation
7	CI-10.8	Tensile Strength	As per IS 1734 (Part 9)	-	-	-	Tensile Strength Test - 1 - Along grain - 28 MPa Min. = 52.22 MPa 2 - Across grain - 26 MPa Min. = 44.36 MPa 3 - Total - 60 MPa Min. = 96.58 MPa
8	CI-10.7.2	Mycological Test- Adhesion of plies	As per IS 1734 (Part 5)	-	-	-	Excellent
9	CI-10.7.1, Table-2	Mycological Test- Glue shear strengt	As per IS 1734 (Part 4)	800.0	-	N	1486.333
10	CI-10.6	Water resistance test (Concrete shuttering Plywood)	-	-	-	-	Test Not Applicable
11	CI-10.5.1.2	Water Resistance Test-Adhesion of plies	"As per IS 1734 (Part 5)."	-	-	-	Excellent
12	CI-10.5.1.1	Water Resistance Test-Glue shear strength	As per IS 1734 (Part 4)	800.0	-	N	1551.5
13	CI-10.5, 10.5.1	Resistance to Water Test	-	-	-	-	Test Not Applicable
14	CI-10.4.2	Glue Adhesion in Dry State - Adhesion of Plies	"As per IS 1734 (Part 5)."	-	-	-	1 - Type - CSFF 2 - Glue Adhesion in Dry State - Adhesion of Plies - Excellent
15	CI-10.4.1	Glue Adhesion in Dry State - Glue Shear Strength	AS per IS 1734 (Part 4)	1100.0	-	N	2450.833
16	CI-10.3	Moisture Content	"As per IS 1734 (Part 1)."	5.0	15.0	%	6.9
17	CI-8.1, 8.2	Workmanship and finish	-	-	-	-	Satisfactory
18	CI-7.3	Squareness	As per Annex C	-	0.2	%	0.04
19	CI-7.2	Thickness	-	-	-	-	Thickness (limit 11.4 mm to 12.6 mm) = 11.75 mm to 12.50 mm
20	CI-7.1	Dimensions -length	-	2400.0	2406.0	mm	2403.0
21	CI-5.2	Adhesives for Bonding of Veneers	IS 848	-	-	-	Test Not Applicable

**NISHANT PARASAR**  
**OIC Mechanical**  
(Authorized Signatory)  
Authorized on: 26 Dec, 2025 15:51 PM



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**भारतीय मानक ब्यूरो**

BUREAU OF INDIAN STANDARDS

मानक चिह्न के उपयोग के लिए अनुज्ञप्ति

Licence for the use of Standard Mark

लाइसेंस सं. सीएम/एल-5900141614  
Licence No. CM/L-5900141614

यह ब्यूरो, भारतीय मानक ब्यूरो अधिनियम, 2016 ( 2016 का 11) द्वारा प्रदत्त शक्तियों के आधार पर

मेसर्स मारुति सीज़निंग एंड केमिकल वुड्स  
खसरा नं. 246/3, पीएच. नं. 41,  
ग्राम-डुमरडीह, उत्तरांचल,  
जिला: दुर्ग, छत्तीसगढ़, भारत - 491107

को (जिसे इसमें आगे 'अनुज्ञप्तिधारी' कहा गया है) इसकी प्रथम अनुसूची के पहले स्तंभ में विनिर्दिष्ट मानक चिह्न का, इस अनुसूची के तीसरे स्तंभ में दी गयी किस्मों पर, उपयोग करने के लिए यह अनुज्ञप्ति प्रदान करता है। इन उत्पादित किस्मों पर चिह्न का उपयोग उक्त अनुसूची के द्वितीय स्तंभ में समय-समय पर संशोधित अथवा पुनरीक्षित/संदर्भित संबद्ध भारतीय मानक (मानकों) के अनुसार/अनुरूप विनिर्मित हो।

By virtue of the power conferred on it by the Bureau of Indian Standards Act, 2016 (11 of 2016) the Bureau hereby grants to

M/s MARUTI SEASONING AND CHEMICAL WOODS  
KH. NO. 246/3, PH. NO. 41,  
VILL- DUMARDIH, UTAI,  
DISTRICT: DURG, CHHATTISGARH, INDIA - 491107

(Hereinafter called the licensee) this licence to use the Standard Mark set out in the first column of the Schedule hereto, upon or in respect of the varieties set out in the third column of the said Schedule which is manufactured in accordance with/conforms to the related Indian Standard(s) referred to in the second column of the said Schedule as from time to time amended or revised.

2. इस अनुज्ञप्ति में अनुबंध अनुज्ञप्ति की शर्तों के लिए अनुज्ञप्तिधारी उत्तरदायी है। यह अनुज्ञप्ति पहली अनुसूची में यथा-उल्लिखित नाम, कारखाना के पते और अवधि के लिए विधिमान्य होगा और इसे स्कीम-1 में निर्दिष्टानुसार नवीकृत कराया जा सकता है।

This licence carries obligations on part of the licensee as conditions of licence, which are given in Annexure attached herewith. This licence shall be valid for the name, factory address and period as mentioned in the schedule and may be renewed as specified in the scheme-1.


अनुसूची  
Schedule

(अनुज्ञप्ति सं. सीएम/एल- 5900141614)  
(Licence No. CM/L- 5900141614)

नाम: मेसर्स मारुति सीज़निंग एंड केमिकल वुड्स  
Name: M/s MARUTI SEASONING AND CHEMICAL WOODS

कारखाने का पता: खसरा नं. 246/3, पीएच. नं. 41, ग्राम-डुमरडीह, उत्तरांचल, जिला: दुर्ग, छत्तीसगढ़, भारत - 491107  
Factory Address: KH. NO. 246/3, PH. NO. 41, VILL- DUMARDIH, UTAI, DISTRICT: DURG, CHHATTISGARH, INDIA - 491107

विधिमान्यता: तीस मार्च दो हजार पच्चीस से उनतीस मार्च दो हजार छब्बीस  
Validity: From Thirty March Two Thousand Twenty Five to Twenty Ninth March Two Thousand Twenty Six.

मानक चिह्न Standard Mark	भारतीय मानक Indian Standard	अनुज्ञप्ति का विषय क्षेत्र Scope of Licence	चिह्नानकन फीस Marking Fee
(1)	(2)	(3)	(4)
IS 4990  CM/L- 5900141614	भा मा 4990 : 2024 कंक्रीट शटरिंग कार्य के लिए प्लाईवुड - विशिष्ट (चौथा पुनरीक्षण)  IS 4990 : 2024  PLYWOOD FOR CONCRETE SHUTTERING WORKS SPECIFICATION (Fourth Revision)	Type- CSFF, Thickness- 12mm, Formaldehyde Class - E2, Without Optional tests.	एक वर्ष की प्रचालन अवधि के दौरान न्यूनतम मुहरांकन फीस ₹ 72000.00 के साथ सभी इकाईयों के लिए ₹ 0.25 प्रति इकाई। इकाई: 1 SQ.M  ₹ 0.25 per unit for all units with a Minimum Marking Fee of ₹ 72000.00 during an operative period of one year  Unit: 1 SQ.M  एक प्रचालन वर्ष के लिए न्यूनतम चिह्नानकन शुल्क अग्रिम में देय होगा जो अगले नवीकरण में अग्रणीत होगी। Minimum marking fee for one operative year payable in advance which will be carried over to next renewal(s).

आज उन्नीस नवंबर दो हजार पच्चीस को हस्ताक्षरित तथा मोहरबंद किया गया।

Signed, Sealed and Dated this Nineteenth September Two Thousand Twenty Five .

कृते भारतीय मानक ब्यूरो के लिए  
for Bureau of Indian Standards

(सुमन कुमार गुप्ता)

वैज्ञानिक ई/ निदेशक एवं प्रमुख

सुमन कुमार गुप्ता/SUMAN KUMAR GUPTA

इंजीनियर ई/ डायरेक्टर एवं प्रमुख (RPBIO)

Scientist-E/Director & Head (RPBIO)

भारतीय मानक ब्यूरो

BUREAU OF INDIAN STANDARDS

खसरा नं. 246/3, पीएच. नं. 41, ग्राम-डुमरडीह, उत्तरांचल, जिला: दुर्ग, छत्तीसगढ़, भारत - 491107

Ministry of Consumer Affairs, Food & Public Distribution  
(Government of India)

दुर्ग (Durg) / रायपुर (Raipur) (Chhattisgarh)








# SHOORA®

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MAJBOOT PLYWOOD

## Contact Us Today!

Shoora Shuttering Plywood is designed to deliver performance, reliability, and durability for every construction challenge. Whether it is a residential project or a large infrastructure development, Shoora provides the strength that builders trust.

 KH.NO 246/3, PH No. 41, aVill-  
Dumardih Utai Durg, Chhattisgarh  
UDYAM-CG-05-0003407 (Micro/Mfgr)  
GSTIN/UIN: 22ANIPD1203D2Z1

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Call Us Today

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**+91-7021238080**