

TRON[®] shuttering plywood is Manufactured with a unique concept to reduce weight lifting from Labour & more density & strength for more repetition in plywood **TRON**[®] is made of dry wood with minimum Moisture less than 10% & also the pressing, compression & cooling enhanced its density & strength to Super Density Ply Every lots of **TRON**[®] Manufactured & Tested by 3rd Party Lab. authorised by Govt. of India & **TRON**[®] is being certified as per standard of IS4990 with Excellent Performance **TRON**[®] is a ply of Current trend time that save your cost by giving more then 15 Slabs repetition the weight of Ply is 32 to 36 kg

TRON[®] High Densified Shuttering Plywood
Important Guidelines For Using Film Faced Shuttering Plywood
Guarantee of Plywood is Valid based on the following Using Criteria

- (1) Use Circular Saw. (2) Densified FFSP should not be dragged from distance. (3) Should not be thrown from height. (4) Should be stored in flat surface to avoid bending of the sheet. (5) Always use drill machine to insert screw/nail. (6) Avoid extra nailing. (7) Cut edges of the ply should be coated with suitable sealant to get maximum use of ply. (8) Leave at least 4 inch space from edges to insert the nail. (9) Clean the surface of ply after use and store in well ventilated area. (10) Surface should be coated with mould oil before use. (11) Don't store plywood open in rain. (12) Cover plywood with tarpaulins when storing, to protect from sunlight



TRON®

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GLOBAL LAB

A World of Quality Material Testing

TEST REPORT

TEST REPORT ISSUED BY: LOCATION-02 (TURBHE LAB) SAMPLE TESTED BY/AT: LOCATION-02 (TURBHE LAB) Format No. SPPT Rev. No.00
 TEST REPORT NO. KRL-15489-TR-141354
 TEST REPORT DATE 12/11/2019

QUANTITY: 1 Nos
 DATE OF RECEIPT: 01/11/2019
 CUSTOMER REF. NO & DATE: A Letter Date 01/11/2019
 CONDITION OF SAMPLE ON RECEIPT: Satisfactory
 SOURCE OF SAMPLE: Make:- TRON Plywood
 TEST METHOD: IS 1734 : 1983, RA 2008

PHYSICAL TEST RESULTS OF PLYWOOD FOR CONCRETE SHUTTERING PURPOSE

TYPE OF PLYWOOD :
 SAMPLE ID MARK : - GRADE OF PLYWOOD 1 BWP
 PERIOD OF TEST : 04/11/2019 To 12/11/2019 SIZE OF PLYWOOD I 2440mm X 1200mm X 12mm

MOISTURE CONTENT TEST TEST METHOD : IS 1734 : 1983 (PART-01), RA 2008

Sr. No	Initial Mass of Specimen, g	Oven Dry Mass of specimen, g	Moisture Content, % age	Requirement as Per IS 4990 : 2011, Amd-5
1	122.6	110.2	11.25	5% < Avg of 3 specimens Moisture Content-%<15%
2	120.17	109.98	9.27	
3	123.69	111.2	11.23	
Avg Moisture Content, % =			10.58	

DENSITY THE METHOD : IS 1734 : 1983 (PART-01), RA 2008

Sr. No	Length, mm,	Width, mm	Thickness, mm	Oven Dry Mass of Specimen, g	Density, g/cc	Requirement as Per IS 4990 : 2011, as per Clause No-E5.5.1.1
1	149.795	75.345	12.1	110.2	0.807	Generally, density of plywood for concrete shuttering work may be taken as 650 kgf/m ³
2	149.98	74.835	12.2	109.98	0.803	
3	150.195	75.14	12.1	111.2	0.814	
Avg Moisture Content, % =					0.808	

GLUE ADHESION IN DRY STATE - ADHESION OF PLYIES TEST METHOD : IS 1734 : 1983 (PART-04), RA 2008

Sr. No	Observations Of Knife Test	Requirement as Per IS 4990 : 2011, Amd-5
1	Excellent	The veneers shall offer appreciable resistance to separation and the fractured samples shall show some adherent fibres distributed more or less uniformly
2	Excellent	
3	Excellent	
4	Excellent	
5	Excellent	
6	Excellent	

RESISTANCE TO WATER : ADHESION OF PLYIES TEST METHOD : IS 1734 : 1983 (PART-04), RA 2008

Sr. No	Observations Of Knife Test	Requirement as Per IS 4990 : 2011, Amd-5
1	Min. Pass	The veneers shall offer appreciable resistance to separation and the fractured samples shall show some adherent fibres distributed more or less uniformly
2	Min. Pass	
3	Min. Pass	
4	Min. Pass	
5	Min. Pass	
6	Min. Pass	

(*)RESISTANCE TO WATER : GLUE SHEAR STRENGTH TEST METHOD : IS 1734 : 1983 (PART-04), RA 2008

Sr. No	Observations Of Knife Test	Failing Load, N	Requirement as Per IS 4990 : 2011, Amd-5
1	No Requirement	1100	Avg Min Failing Load >1000N
2	No Requirement	1000	
3	No Requirement	1200	
4	No Requirement	1000	
5	No Requirement	1100	
6	No Requirement	1000	
Average Failing Load, N		1066.67	

(*)DRY STATE - GLUE SHEAR STRENGTH TEST METHOD : IS 1734 : 1983 (PART-04), RA 2008

Sr. No	Observations Of <age Failure of Wood	Failing Load, N	Requirement as Per IS 4990 : 2011, Amd-5, Table No-01
1	No Requirement	1400	Avg Min Failing Load >1350N
2	No Requirement	1500	
3	No Requirement	1400	
4	No Requirement	1500	
5	No Requirement	1600	
6	No Requirement	1400	
Average Failing Load, N		1466.67	

IMPACT RESISTANCE TEST TEST METHOD : IS 1734 : 1983 (PART-18), RA 2008

Sr. No	Impact Depth (1), mm	Impact Depth (2), mm	Impact Depth (3), mm	Impact Depth (4), mm	Impact Depth (5), mm	Average Impact Depth, mm
1	-0.16	-0.23	-0.4	-0.25	-0.23	-0.25

Remarks :(*) Test parameter are not under scope of NABL

Note :-

- Sample/s was/wear not drawn by laboratory.
- The Reported result/s is/are v alid only to the sample submitted to the laboratory.
- No part of the report. except in full, shall be reproduced without written consent of the laboratory.
- The repot is valid only when Global Lab hologram is availabe on the report.

- Density • 0.65 to 0.70 gm/cc
- Screw Holding Strenght • 300 kg
- Nail Holding Strength • 62 kg
- Swelling in water (8hours) • less than 2%



Ultimate Brand in Shuttering Plywood ENGINEERS Choice