



# ramaMAX Shuttering ply

Hi-repetition, Hi-finish.



[www.ramaply.com](http://www.ramaply.com)



**ramaply**  
मज़बूती बेमिसाल, चले सालों साल

# Specifications

Important Properties (as per IS: 3513 v/s test results of our product generally obtained)

Sr. No.	Test Details	Specification Requirement	Clause No.	Test Results	Remarks
1.	Dimension	Length + 6mm Width + 3 mm Thickness ± 5%	71.3	2446 1222 12.13	Satisfactory
2.	Density	Min -0.95kg/m <sup>3</sup>		0.95kg/m <sup>3</sup>	-Do-
3.	Water Resistance Test [a] Adhesion of Plies (Knife Test)	The veneer shall offer appreciable resistance to separation & fractured sample shall show some adherent fibres distributed more or less uniformly.		Offers resistance to separation adherent fibres on the fractured sample are more or less uniformly.	-Do-
4.	Moisture content	6 - 12%		9%	-Do-
5.	Tensile Strength MPa Min.	59	8.2	70	-Do-
6.	Static Bending Strength MPa Min.	59	8.2	73	-Do-
7.	Compressive Strength [A] Parallel to laminates MPa Min. [B] Perpendicular to laminates MPa Min	75 130	8.2 8.2	89 168	-Do- -Do-
8.	Hardness (Rockwell 'H' Scale) Min.	60	8.2	75	-Do-
9.	Impact strength (Unnotched sample) kgm/cm <sup>2</sup> [a] Perpendicular to laminates [b] Parallel to laminates	0.2 0.5	8.2 8.2	0.25 0.55	-Do- -Do-

\* Conditions apply

Do's 	Don'ts 
1. Do clean and oil the surface to increase the life of shuttering ply.	1. Don't use the material without suitable mould oil which acts both as a parting agent and also gives surface protection.
2. Mould oil to be used for oiling purpose. After 3-4 uses and also incases when plywood has been stored for a long time, it should be recoated with mould oil before the next use.	2. Do not do side screwing & nailing on the Shuttering Ply.
3. Do use screws only. Screws to be fixed carefully on the top only.	3. Don't allow the material to fell down from top / certain height of the building.
4. Store the material properly stacked under shed with free circulation of air.	4. The plywood shall not be dragged over one another as this would scratch the surface, if the edges are dragged on faces or any extraneous matter like sand or small stone particles i.e. in between the surfaces.
5. Extra care should be taken, during unloading the material specifically incase of Film Faced Plywood to avoid scratches.	5. Don't allow the material to use without sealants at the cut edges.
6. Cut edges of the plywood at the time of making concrete former should also be coated with suitable sealants like chlorinated rubber paint for longer life of the board & to derive more repetitions.	6. Don't allow the material to stack without proper drying.
7. The plywood for concrete shuttering work may be used repeatedly. However, if it has to be stored for a long time after one use, the panels should be dried by stacking in free circulation of air and on suitable spaces before storage.	7. Do not screw or nail Shuttering Ply without support of timber.
8. The edges of a Board in pack shall be in a straight vertical line.	
9. Shuttering Plywood screwing/nailing are to be fixed on support of timber.	
10. Schrawler / Nail Remover should be used carefully to avoid Surface Damage in beam area.	
11. Plywood Performance is more appreciated when used in fixed form work method.	

## Added Advantages



Shuttering cost per concrete reduces due to high repetitions



Concrete surface is free from dents and pitches due to superior mirror finish



Plastering can be avoided due to superior mirror finish



Lower thickness of Max Shuttering Ply can be used in comparison to other Shuttering Ply due to structurally strong and dimensionally stable qualities



Reduces cost of supports due to high load bearing capacity

## Applications



Hi-rise Towers



Vertical Walls



Slabs



Cooling Towers



Tunnels



Power stations



Podiums

**Thickness:** 9, 12, 15/16, 18/19 or as per requirements

**Size:** 2440X1220mm or as per requirement

# Major Clients

SITE	LOCATION	CLIENT
Alu Form Work	Pondicherry	Larsen & Toubro Limited, Construction
India Bulls Sky Forest	Mumbai	IndiaBulls Properties Pvt. Ltd.
Amanora gateway towers 100	Hadapsar Pune	S.J Contracts Pvt Ltd.
Reliance Twin Tower	Navi Mumbai	Larsen & Toubro Limited, Construction
Devbhumi Realtors	Hyderabad	Shapoorji Pallonji Engineering & construction
Unitech- multilevel car park	Gurgaon	Capacite Infra Projects Ltd.
Central stone	Pune	S.J Contracts Pvt Ltd.
Godrej Central	Mumbai	Capacite Infra Projects Ltd.
My Homes hitech city	Hyderabad	SVS Projects (India) Pvt Ltd
DLF Camellias	Gurgaon	Leighton contractors India Pvt. Ltd.
IIM Raipur	Raipur	NCC Ltd.
EON IT Park	Pune	S.J Contracts Pvt Ltd.
Vatika seven elements	Gurgaon	Jai Jai Ram Singh Infrastructure (P) Ltd.
Amar Serenity	Pune	S.J Contracts Pvt Ltd.
Bavadhan workshop	Pune	S.J Contracts Pvt Ltd.
Sea View Developers	Noida	Capacite Infra Projects Ltd.
Eon phase 2 site kharadi	Pune	Millennium Engineers & Contractors Pvt. Ltd.
Ansal Siddharths Estella	Gurgaon	Ansal Housing
Stellar one	Noida	Stellar venture Pvt. Ltd.



& many more...

## Rama Panels Pvt. Ltd. Rama Wood Craft

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