

“ Explore the **World** of
Eternal **Excellence** ”



“

When it comes to **ply**
and related products,
we are at the pinnacle”

Kutirply is a company with a rich legacy of excellence. With impeccable quality and unflinching commitment to provide the finest, we have earned the trust of our customers, many of whom we are serving since our inception.

Not surprisingly, when people think of ply or any related products; one name unquestionably comes to their mind Kutirply.



From The Desk Of Founder



Mr. Ramakant S. Mohanpatra

(Founder & Managing Director)

Welcome to **Kutirply Pvt. Ltd.**

Since previous years has been a prosperous year to the company, At Kutirply, we truly care about quality & relationships with our Client, channel partner, teammates, suppliers, and the communities where we operate.

Our commitment towards Client satisfaction is translated into our Quality Products and we endeavour to achieve the best quality by putting in place a Quality Management system that is in strict compliance with the International Standards of **ISO 9001:2015.**

Quality, Service, Innovation And Cost Effectiveness are the areas in which we excel. We do this through the combination of product design and development, process innovation and cost controls in our manufacturing and operations. We are committed towards industry and have our focus on people & technology.

I Invite you to experience the products that we have on offer. Welcome, once again, to **Kutirply Pvt. Ltd.**



About Kutirply

Incessant commitment to quality and unremitting concern for the environment, define Kutirply.

Founded by an amalgamation of experts from the plywood industry, we are a leading manufacturer and supplier of premium quality ply and related products. Based in Mumbai, the commercial capital of India, the company has established nationwide footprints and become a synonym of quality and reliability.

We deal in wide range of wood panel product like all grade plywood, block board, flush door, decorative ply and laminates.



Vision

Nurturing a globally renowned organization in the ply industry, we aim to expand our presence across the full length and breadth of India, by 2025

Decorative plywood market is growing at an exponential rate and we will extend our expertise in the same soon.



Mission

We strive to realise our vision by:

- ③ creating a constantly evolving organisation.
- ③ fostering a culture of innovation in our processes of eco friendly products.
- ③ ensuring completely quality-centric product development like less wastage.
- ③ enduring and strengthening relationships with architects, designers, builders ,interior designers and dealers to build the brand image in the market.
- ③ working towards collectively transforming the future of the ply panel industries.

Quality can never be expensive.
It is simply **priceless.**

We understand the value of a good, dependable ply

Ply and related products play a pivotal role in any kind of decor. If chosen correctly, the wood ensures the long-term longevity, while lending grace and charm to the furniture. And hence, it is imperative to choose it wisely.

We at Kutirply believe in offering complete peace of mind, in form of ply. With our products on your side, you can never go wrong. The reason is simple - we give utmost importance to the quality.



Specifications



Maharashtra Pollution Control Board
महाराष्ट्र प्रदूषण नियंत्रण मंडळ

E - Tender Document

ON OF 6TH & 7TH FLOOR FOR MPCB OFFICE AT
KAIGAD BHAVAN, BELAPUR, NAVI MUMBAI

Tender No.:- MPCB/EE/PT/e-Tender-1/2019-20



Maharashtra Pollution Control Board

Kalpataru Point, 3rd & 4th Floor, Sion Matunga Scheme Road No.8

Opp.Sion Circle,Sion (East), Mumbai-400 022

Website:<http://mpcb.gov.in>

Price: Rs.10,000/-

(Non Refundable)

(2019 – 2020)

Maharashtra Pollution Control Board,

LIST OF APPROVED MAKE LIST

SR. NO.	MATERIAL	APPROVED MAKE / SUB-CONTRACTOR / SUPPLIERS
A	WOOD	
1.	Old Burma teakwood	No specific supplier, contractor to obtain approval for samples
2.	BTC	No specific supplier, contractor to obtain approval for samples
3.	CP Teakwood	No specific supplier, contractor to obtain approval for samples
4.	Handwood	No specific supplier, contractor to obtain approval for samples
5.	Wood to match the veneers to be used	Jalaram Anchor, or Approved equivalent
B	PLYWOOD / DOOR SHUTTER	
1.	Commercial ply	Kunzi Plywood, Kaply, Greenply, Century
2.	Marate ply	Kunzi Plywood, Kaply, Greenply, Century
3.	Particle board	Asis, Assan, Archid, Greenlam, Century
4.	MDF	Asis, Eijer, Greenlam, Century
5.	Block board	Kunzi, Kaply, Greenply, Century
6.	Flush Door	Kunzi, Kaply, Greenply, Century
7.	Fire Rated Door	Sukri, Primit, Ketwood, Anchor

MPCB

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SIGNATURE OF CONTRACTOR



TENDER DOCUMENT

ONLY FOR EMPANELLED CONTRACTORS AS AWARDED

COMPRISING
COMMERCIAL CONDITIONS
&
TECHNICAL SPECIFICATIONS

PART - I

PROPOSED REFURBISHMENT
AT
8TH FLOOR, MSME DEVELOPMENT CENTRE, BANDRA KURLA COMPLEX,
BANDRA-EAST, MUMBAI.
FOR
SMALL INDUSTRIES DEVELOPMENT BANK OF INDIA (SIDBI)

EMPLOYER



SMALL INDUSTRIES DEVELOPMENT BANK OF INDIA (SIDBI)
Plot No G 11, G Block, MSME Development Centre,
Bandra East, Mumbai, Maharashtra 400051
Phone: 022 6753 1100

CONSULTANT



M/s. (P) DESIGN Architects

Z-3, Newby Mansarovar, T. H. Kurla Road, Marg,
Mumbai - W, Mumbai - 400 039.

Tel: (+91) 022 2446 7672, 2446 7673 Fax: (+91) 022 2446 7501
Email: info@kurlaagrandproject.com

LIST OF APPROVED AND NOMINATED MANUFACTURERS / SUPPLIERS OF MATERIALS AND OF CONTRACTORS FOR INTERIOR WORKS

NOTE:-

- All materials to be used should describe the list given below.
- Use of equivalent material shall be only with prior approval from consultants & Employer in writing. It shall be at par with specified list below - in all respect, any additional expenditure incurred by the contractor shall be on contractors account & no claim shall be entertained.
- Contractor should make payment to all suppliers / Sub-contractors proportionately, as per the payment received from Employer. For the particular item of work, other than Employer have all rights for direct payment to the party directly. In situations, payment problem with supplier / sub-contractor.
- Employer / Consultant reserve the right to select / reject the material from the approved list.

Sl. No.	MATERIAL	APPROVED MAKE / SUB CONTRACTOR / SUPPLIERS	REMARKS
4	WOOD		
1	De Burma teakwood	No specific supplier / contractor to obtain approval for samples. Will be awarded on select list.	Open market material.
2	BTC	No specific supplier / contractor to obtain approval for samples. Will be awarded on select list.	Open market material.
3	DP- Teakwood	No specific supplier / contractor to obtain approval for samples. Will be awarded on select list.	Open market material.
4	Hardwood	No specific supplier / contractor to obtain approval for samples. Will be awarded on select list.	Open market material.
5	Wood to flush the wall / corner	Jaffan, Anchor, Sanket	
6	PLYWOOD		
1	Commercially	General, Sanket, Anchor, Jaffan, Metro, Arora, Rusti, etc.	
2	DRP (10-15)	General, Sanket, Anchor, Jaffan, Metro, Arora, Rusti, etc.	
3	Soft Board	Job board is approved equivalent.	
4	Particle board	Nuvast, Engkon, Arora, Novast	
5	MDF	Nuvast, Sanket, Engkon, etc. approved equivalent.	

UNDER SIGNATURES

Mark

SIGNATURE OF CONTRACTOR

Specifications



BID DOCUMENT

FOR INTERIOR WORK OF FOOD OUTLET FOR
SHREE DATTA SNACKS
AT EXPRESS GRAND MALL, SHOP NO. 13 & 14,
VILLAGE - THANENHAVE, TALUKA - KHALAPUR,
DISTRICT - RAIGADHI
ALONG PUNE - MUMBAI EXPRESS HIGHWAY

TENDERER
SHREE DATTA SNACKS



ARCHITECTS

M/S. DESIGNERS COMBINE
C-208, SHANTIDWAR CHSL, SHANTIVAN, NEAR SANJAY GANDHI NATIONAL
PARK, SHANTIVAN, BORIVLI (EAST), MUMBAI - 400 059
TELEPHONE : 022 28964555 / 022 28964556
E-MAIL : shantivandoverdell@gmail.com / dcaarchitects@hotmail.com /
dc.sakumar13@gmail.com

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LIST OF APPROVED MATERIALS

1)	Plywood	±	Green / Archid / Century / Anchoe / Kutir
2)	Veneer	±	As per selection
3)	Laminate	±	Green / Merno / Century / New Mika or as selected
4)	MDF	±	Green / Durian
5)	Teak wood / Sal wood	±	Well seasoned / full grained / Full sized
6)	Hinges	±	Stainless Steel Palladium or as selected
7)	Glass / Mirror	±	Saint Goban / Aasahi
8)	Locks	±	Vijyan / Godrej / Hettich / Yale
9)	Sliders	±	Hettich / Haffale
10)	Kata stone	±	As per selection
11)	Polish Raw material	±	Asian paints / MRF / Esdee
12)	Hardware	±	As per selection
13)	Rubber board	±	Euro / Imported
14)	Wires / Cables	±	Finolex - Fire Retardant
15)	Switches / Circuit Breakers	±	Legrand / Netstys



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Specifications



THE NEW INDIA ASSURANCE COMPANY LTD.

Mumbai Regional Office 2: Jeevan Seva, 2nd Floor,
S.V. Road, Santacruz (W), Mumbai 400 054.

TECHNICAL BID

Interior Furnishing work for Ponda Branch Office (141401)
21/011, 2nd floor, Rajajy Galeriya, Above Axis Bank, Ponda, Goa - 404401.

Name of the Contractor Firm:

Nilesh G. Bhagat
ALLA, B.E. (CIVIL), AMIE, F.I.T.
884, Green-Garden, KP Karle, Pal - Malvan, Dist. Sindhudurg 416604
Contact: 9863472132
E-mail: nileshgkumar@gmail.com

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LIST OF MAKES

- All make/maker(s) shall be of the Best Quality and ISI marked.
- Whenever contractor proposes to use equivalent makes (i.e. other than specified), the same shall be done only after prior approval of the Company/Architect. Any additional expenditure and time due to this shall be solely on contractor's account and no claim whatsoever shall not be entertained.
- Read "or equivalent approved" at the end of the list of approved manufacturer / Sub-contractor / brand for every material.

S.NO.	MATERIAL	APPROVED MANUFACTURER / BRAND
1.	Ceramic / Granite Tiles	HR Johnson, Kajaria, Marbonite Bell
2.	Door closers /Floor Spring	Everite/Dormal Inco/Hyper
3.	Vitreous China/ware Sanitary fittings like WC pans, urinals, basins, bathtubs etc.	Parryware, Hindustan
4.	Chromium plated stop cocks, Bib cocks, pillar cocks etc.	Esco/Laguan/ Pumber
5.	Gypsum Board	Saint Gobain/India Gypsum
6.	Marine Ply (BWR)	Kulir Green, Anchor, Century/Arched
7.	Fabric protection coating	Scotchguard of Bata 3M Ltd for upholstery
8.	PVC Flooring	Kiriting Vinyl, Armstrong
9.	Paints	Asian/ Nerolac/ ICI
10.	Aluminium metal false ceiling	Superal brand
11.	Galvanized false ceiling	Same as above
12.	Carpet	Mod
13.	Water proofing compound	Aceproof OF ACC
14.	Laminate Iron Ink	Sunmica, Archileam, Royal Touch, Signature
15.	Screws (Oxidized)	GW/Matfield
16.	Hardware, telescopic sliding channels	EBDO
17.	Adhesive	Ferwood SH
18.	G.I. Pipes	Tata
19.	Locks (Dead/Mortise)	Godrej/ Secural Golden/ Vijayan
20.	Wood Preservative	Basco of British Paints
21.	A.C. grill	Dynacast
22.	Chairs	Arvanteep, Chams, Godrej
23.	Foams in Chairs/Sofas	MM Foam

Stamp and Signature of the bidder

Specifications



UCO BANK

ZONAL OFFICE

1st Floor, UCO Bank Building Fort, Mumbai 400 001.

Tender for Civil-Furniture work for Branch furnishing at Kacheri Road, Karjat

Name of the Contractor Firm :

Nilesh G. Bhagat

Chartered Engineer, Architect and Chartered Valuer
A/804, Jupiter, Vasant Galaxy, Off Link Road, Goregaon (W), Mumbai 400104.
864, Geet-Govind, A/p. Katta, Taluka - Malvan, District: Sindhudurg 416604.
Contact:09833472133/ nileshgbhagat@gmail.com

LIST OF MAKES

All materials shall be ISI marked and of the First Quality. Wherever contractor proposes to use equivalent makes (i.e. other than specified), the same shall be done only after prior approval of the Bank/Architect. Any additional expenditure and time due to this shall be solely on contractor's account and no claims whatsoever shall be entertained.

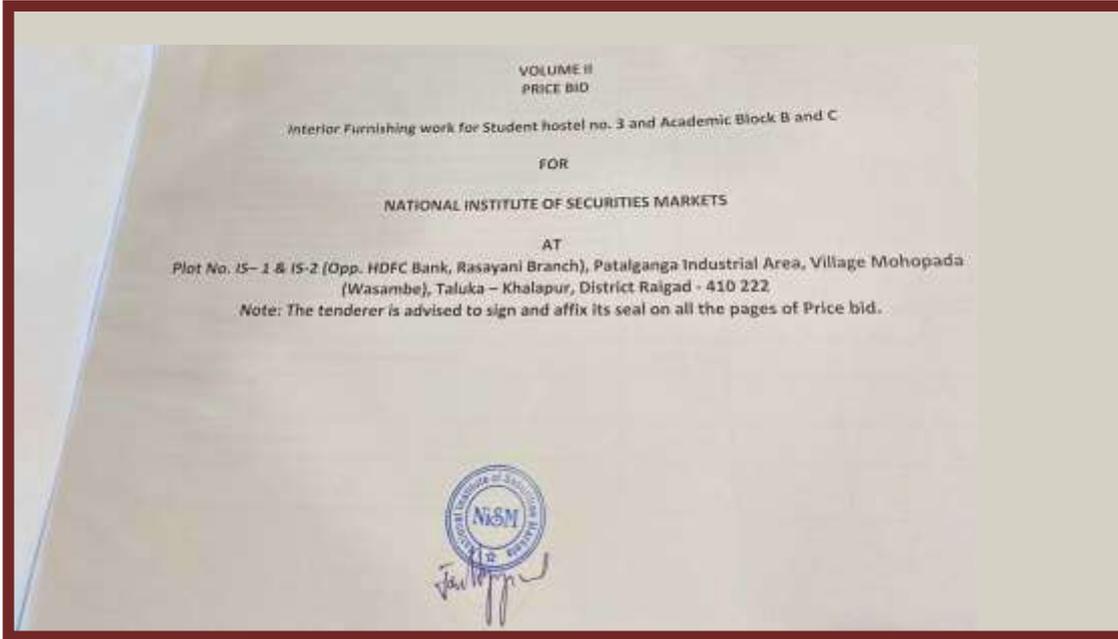
CIVIL/FURNITURE WORKS

Ceramic / Vitrified Tiles	HR Johnson, Kajaria, Bell,Somany
Door closer/Floor Spring:	Everite/ Hyper/Magnum/Inox
Vitreous Sanitary fittings like W.C., Urinals, Wash Basin, Cistern, etc.	Hindustan/Parryware
Chromium plated stop/bib/pillar cocks	Jaguar/Plumber/ ESSCO
Gypsum Board	Saint Gobain/ India Gypsum.
Ply (BWP)	Kutir /Century/ Greenply/ Samrat
Paints	Asian, Berger, Nerolac
Water proofing compound	Roff
Laminates	Royal touch/ Greenlam /Archidlam
Screws (Oxidised)	GKW/Nettle fold
Hardware, telescopic channels	Earl Bihari/Innofitt
Adhesive	Fevicol SH
G.I. Pipes	Tata
Locks (with or w/o handles)	Secure/ Godrej/ Golden / Vijayan
Wood Preservative	Bison of British Paints
A.C. grill	Dynacraft
Cement	Ambuja, UltraTech
ACP	Alubond/ Altobond
Epoxy based water proofing	Hindustan Ciba-Geigy Ltd.
Aluminium Door/ Window Sections	Jindal
Vertical Blinds	Vista Leveler
Glass	Modiguard, Saint Gobain
Sun control film	3M, Garware
Hinges, Tower Bolts, Handles	Brass Oxidised/EPC Heavy duty with steel pin
Sand for Plastering etc.	Confirming to IS Code1542 Obtained from riverbed. Sand shall not contain more than 8% of mud

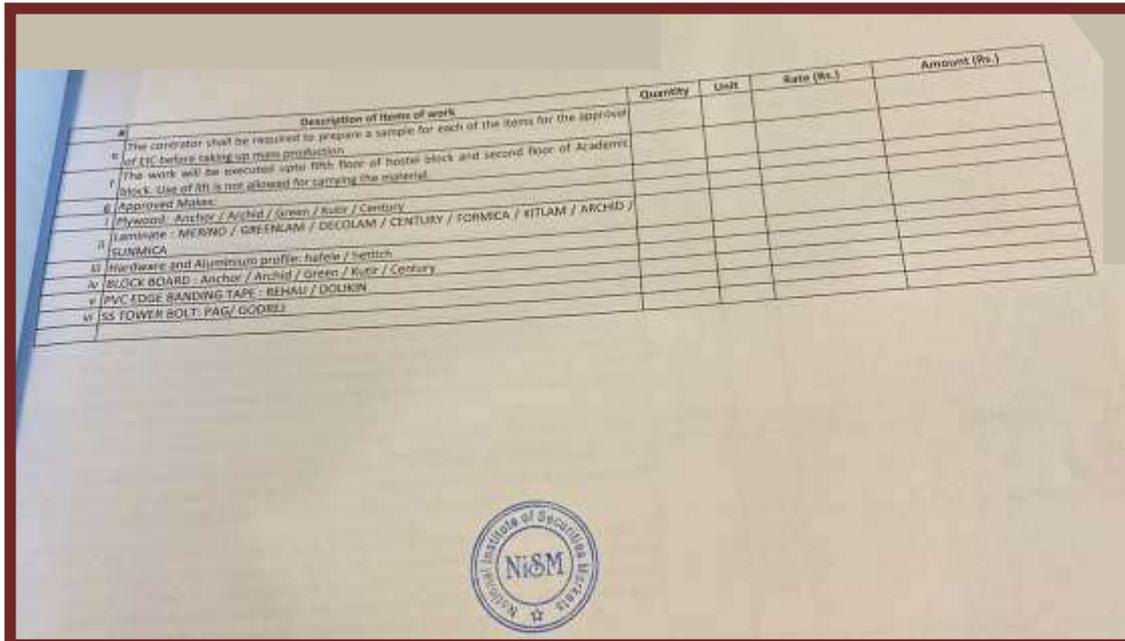
Signature of the Contractor/
Tenderer (With Seal)

UCO Bank, Karjat

Specifications



NiSM NATIONAL INSTITUTE OF
SECURITIES MARKETS
An Educational Initiative of SEBI



MMOSER ASSOCIATES



LIST OF MAKE / BRAND - PEAK INFRA

MMOSER ASSOCIATES

Sr. No.	Material	Manufacturer / Brand	INDIAN / IMPORTED
A	Interior, Civil & Allied Works		
1.00	Vitrified Tiles	RAK, Nitco, Kajaria	Indian
2.00	Ceramic Tiles	RAK, Nitco, Kajaria	Indian
3.00	Vinyl Flooring	Armstrong, Forbo, Mohawok	Imported
4.00	Laminated wood flooring	Armstrong/ Pergo/ Ego	Imported
5.00	Laminated raised flooring	Unitile or Equivalent	Imported
6.00	Top patch, Bottom patch, Pivots, Bottom Lock, Strike plate for glass doors	Geze / Ozone or Equivalent	Imported
7.00	Floorspring for glass doors	Geze / Ozone or Equivalent	Imported
8.00	Concealed / Open door closers	Geze / Ozone or Equivalent	Imported
9.00	Metal Fire doors	Shaktimate/ Matrix/ Prakashfabcon	Indian
10.00	Sanitary Fittings - WC, Urinals, Wash Basins	Hindware/ Parryware/ Kohler	Indian
11.00	Stopcocks, Bibcock, Pillar Taps Etc.	Jaquard/ Grobe/ Kohler	Indian
12.00	Aluminium Frame Work	Jindal/ Bhoruka/ Geeta/ Hindalco	Indian
13.00	GI framing	India Gypsum/ Lafarge or Equivalent	Indian
14.00	Gypsum Board	India Gypsum/ Lafarge or Equivalent	Indian
15.00	Modular Ceiling	Armstrong/ AMF or Equivalent	Indian/ Imported
16.00	Commercial Plywood/B.B.	Century/Kutir/ Archid Ply/ Kit Ply/ Green/ Soncar	Indian
17.00	Marine Plywood	Century/Kutir/ Archid Ply/ Kit Ply/ Green/ Soncar	Indian
18.00	Veneer	Anchor / Natural/ Kit Ply/ Green/ Soncar	Indian
19.00	Paints	Asian/ ICI Dulux/ Goodlas Nerolac	Indian
20.00	Laminates 1.5 & 1mm thk	Century/ Archid Ply/ Kit Ply/ Green/ Soncar/ Newmica	Indian
21.00	Miscellaneous Hardware	Vijayn/ Godrej/ Enox	Indian/ Imported
22.00	Adhesive	Pidilite	Indian
23.00	G. I. Pipes	TATA/ Jindal	Indian
24.00	Locks / Handles	Vijayn/ Godrej/ Enox	Indian/ Imported
25.00	Toughened Glass	Saint Gobin/ Anshi	Indian
26.00	System Partition	KUBIK or Equivalent	Imported
27.00	Cement	ACC/ L&T/ Ambuja	Indian
28.00	Roller Blinds	Vista / Ferarri	Indian/ Imported
29.00	Sun Control Film	3M/ Avery/ Lumar	Imported
30.00	Frosted Film	3M/ Avery	Imported
31.00	Aluminium skirting	Kubik	Imported
32.00	Solid Surface	I.G. Samsung	



Unwavering Quality

Manufacturing processes at Kutirply tend to surpass the global standards and meet all stringent environmental norms. Fulfilling our aim of providing the finest to the users, we follow rigorous quality checks right from procuring the wood to quality driven manufacturing and thus, delivering the products in the market that can stand the toughest trials of time and nature. Kutirply resists the exterior and interior enemies like borer, fungus, termites. There is full core and panel veneer used in plywood to minimise core gap and waviness.

Committed To Environment

At Kutirply, we are completely committed to safeguarding our environment. Taking utmost care to protect and nurture our mother earth, we strive to optimally use our natural resources. Keeping every piece of our offerings safe for the users as well as the planet, our products ensure complete peace of mind, while ensuring best value for money.

Diversity With Durability

Kutirply offers a wide range of ply and related products. With a plethora of acclaimed product range, our offerings are extensively used in commercial and domestic projects.

Our signature products adorn numerous prestigious projects across the nation and offer undisputable dependability and style to the modern lifestyles.

Product Range

BWP Plywood IS 710

BWR Plywood IS 303

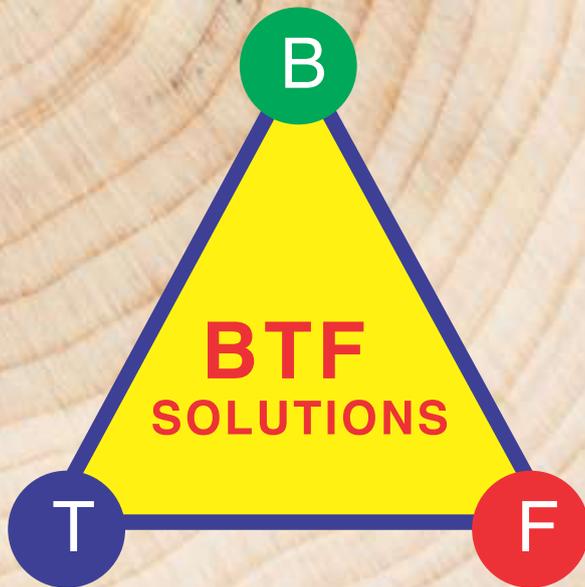
Club Gurjan Plywood

Flush Door IS 2202

Block Board IS 1659

Lami Ply.

Laminate Liner Grade





Sabka Reply... Kutirply.

RYSTATM



STRONG & DURABLE



TERMITE & BORER FREE



WEATHER PROOF



ENVIRONMENT



EXPORT QUALITY

MR / BWR - 303 GRADE

BWP Plywood IS 710

Kutirply presents Marine Plywood is made from 100% hardwood timber which has a high degree of strength and rigidity. Kutirply Marine Plywood is bonded with high quality Phenol Formaldehyde synthetic resin and processed through high temperature and pressure to keep the bonding intact even with 72 hours of The manufactured BWP quality plywood is given chemical treatment in a vacuum pressure impregnation process. The result is a boiling-waterproof plywood that is highly resistant to attacks from fungi, termites and other insects including marine borer.

Technical Specifications of Kutirply

No.	Test	Value Per Is-710 : 2010	
01	Dimension	+6mm	
	A) length	+3mm	
	B) width	+_5%	
	C) thickness	0.20%	
02	Squareness	0.20%	
03	Edge straightness	5-15%	
04	Moisture content	Min. passed standard	
05	Adhesion of plies	Min. passed standard	
06	Resistance to water	1200 kg/m ²	
07	Retention of preservative		
08	Tensile strength	420 kg/cm ²	
09	Paraller to grain direction	250 kg/cm ²	
10	Perpendicular to grain direction	845 kg/cm ²	
11	Sum of tensile strength		
12	Glue shear strength in dry state	110 kg	
13	Minimum individual	135 kg	
14	Average		
15	Glue shear strength in dry state	80 kg	
16	Minimum individual	100 kg	
17	Average		
18	Static bending strength (dry State)		
Modulus of Rupture		Modulus of Rupture	
Along	Across	Along	Across
Min.Ind 45N/mm ² Average 50N/mm ² Static Bending Strength (Wet State)	Min.Ind 27N/mm ² Average 30N/mm ²	Min.Ind 6700N/mm ² Average 7500N/mm ²	Min.Ind 3600N/mm ² Average 4000N/mm ²
Modulus of Rupture		Modulus of Rupture	
Along	Across	Along	Across
Min.Ind 22N/mm ² Average 25N/mm ²	Min.Ind 13N/mm ² Average 15N/mm ²	Min.Ind 3400N/mm ² Average 3750N/mm ²	Min.Ind 1800N/mm ² Average 2000N/mm ²

BWR Plywood IS 303

Kutirply is specially treated to reduce levels of dangerous chemical emissions, making your home and office safer for you to live in. BWR Grade plywood is made from 100% Hardwood Timber, Core and Face Veneers are Phenol Formaldehyde Resin bonded. No Rubber wood or inferior wood is used and german Glue Line Technology is adopted in the process to make it 100% borer proof. It is also chemically impregnated for better resistance to stability and durability and to impart termite and borer proof properties.

Technical Specifications of Kutirply

Property	Unit	IS 303-(BWR)	Tested Results (BWR)
Shear Strength In Dry State			
Average Minimum	N/mm ²	1350	1470
Individual Minimum	N/mm ²	1100	1180
Water Resistant Shear Strength			
Average Minimum	N/mm ²	1000	1070
Individual Minimum	N/mm ²	800	965
Mycological Test			
Average Minimum	N/mm ²	1000	1120
Individual Minimum	N/mm ²	800	880
Moisture Content	%	5-15	6-12

MR Plywood IS 303

Kutirply MR Grade Plywood is made of high Quality hardwood and is amongst the best in the country. Both the inner core and the outer surfaces are made from superior quality wood and bonded with Melamine Formaldehyde Resin.

No.	Test	Test Result	Value As Per IS 303
1.	Dimension		
	a) Length	2442 mm	+6mm, -0
	b) Width	1222	+3mm, -0
	c) Thickness	12.21 mm	±5%
2.	Squareness	0.07%	Not more then 0.2%
3.	Edge Straightness	0.05%	Not more then 0.2%
4.	Moisture Content	8.25%	5% to 15%
5.	Adhesion of Plies	Excellent	Min. passed standard
6.	Resistance to water	Excellent (3 Cycles)	Min. passed standard
7.	Static Bending Strength State		

Modulus of Rupture		Modulus of Rupture	
Along	Across	Along	Across
Along the Grain 31.87 N/mm ² 32.68 N/mm ² 32.24 N/mm ² Avg. 42.41 N/mm ²	Along the Grain 22.44 N/mm ² 21.52 N/mm ² 23.16 N/mm ² Avg. 22.37 N/mm ²	Along the Grain Min - 27 N/mm ² Avg.- 30 N/mm ²	Across the Grain Min - 13 N/mm ² Avg.- 15 N/mm ²

Modulus Of Elasticity (N/MM ²)		Modulus Of Elasticity (N/MM ²)	
Along	Across	Along	Across
Along the Grain 4233.59 N/mm ² 4326.13 N/mm ² 4219.27 N/mm ² Avg. 4259.66 N/mm ²	Along the Grain 2140.26 N/mm ² 2243.36 N/mm ² 2188.31 N/mm ² 2190.64 N/mm ²	Along the Grain Min 3600 N/mm ² Avg. 4000 N/mm ²	Across the Grain Min 1800 N/mm ² Avg. 2000 N/mm ²

Block Board IS 1659

Kutirply MR Grade Blockboard is manufactured from the combination of select hardwood & pinewood timber, veneers and adhesives. These are bonded with Melamine Formaldehyde Resin Under high pressure and temperature.

Technical Specifications of Kutirply - Block Board

No.	Test	Test Result	Value As Per IS 1659 : 2004
1.	Dimension		
	a) Length	2442 mm	+6mm, -0
	b) Width	1222	+3mm, -0
	c) Thickness	12.21 mm	±5%
2.	Squareness	0.07%	Not more then 0.2%
3.	Edge Straightness	0.05%	Not more then 0.2%
4.	Moisture Content	Excellent	Min. passed standard
5.	Adhesion of Plies	Excellent	Min. passed standard
6.	Resistance to water		
7.	Static Bending Strength State		
Modulus of Rupture		Modulus of Rupture	
41.16 N/mm ² 43.42 N/mm ² 42.65 N/mm ² Avg. 42.41 N/mm ²		MIN 34 N/mm ² Avg. 40 N/mm ²	
Modulus of Rupture		Modulus of Rupture	
4166.15 N/mm ² 4562.74 N/mm ² 4250.10 N/mm ² Avg. 4326.33 N/mm ²		MIN 3400 N/mm ² Avg. 4000 N/mm ²	

Flush Door IS 2202

Kutirply flush doors are manufactured from perfectly seasoned & chemically treated solid wood construction with stiles and rails, Use of double layered core veneer ensure smooth surface finish for decorative application

- 100% Bailing Water Proof (BWP) as Per IS 2202
- Processed On Advance Calibration Sanding Machine
- Structurally and Dimensinally Stable
- Decorative Teak Veneer Flush Door Available

S.No.	Name of Test	As per Standard IS : 2202	Result/Tolerance
1.	a. Dimension	Tolerance	
	• Length	±5mm	± 3mm
	• Width	±5mm	± 3mm
	• Thickness	±1mm	-0.5 to +0.8mm
	• Squareness	Not More Than 0.2%	0.05%
	• Edge Straightness	Not More Than 0.2%	0.07%
2.	a. Generat Fitness Test		
	• Twist	Not More Than 6mm	2.25mm
	• Cupping	Not More Than 6mm	1.95mm
	• Warping	Not More Than 6mm	2.31mm
3.	Local Planeness Test	Not More Than 0.50mm	0.32mm
4.	Impact Indentation Test	No Defect & Depth of Indentation	0.15mm
		Not More Than 0.20mm	
5.	Flexure Test		
	a. Residual Defection	Not More Than 1/10th of Max.	2.07mm*
		Deflection	
	b. Maximum Defection	Not More Than 1/13th of Length	41.05mm*
6.	Edge Loading Test		
	a. Residual Defection	Not More Than 0.50mm	0.21mm
	b. Maximum Defection	Not More Than 5mm	3.31mm
7.	Shock Resistance Test	No Visible Damage	Satisfactory
8.	Bucking Test		
	a. Residual Defection	Not More Than 5mm	2.38mm
	b. Maximum Defection	Not More Than 500mm	34.10mm
9.	Screw Withdeawal Test	1000N	1400N
10.	Stamening Test	No Visible Damage After 50	Satisfactory
		Successive Impact	
11.	Misuse Test	No Permanent Defocmation After	Satisfactory
		th Test	
12.	End Immersion Test	No Defanatioin	Satisfactory
13.	Knife Test		Excellent.

Events



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