



RAJ PANELS

We make your

DREAMS

Real

ABOUT US

At Raj Panels, we are dedicated to providing top-quality MDF, HDHMR (High-Density High Moisture Resistance) boards, Pre laminated Particle boards, and bagasse particle boards to meet your Interiors and quality furniture needs .With a commitment to excellence and years of industry experience, we take pride in being a trusted supplier of these versatile materials. Our mission is to offer you durable and cost-effective solutions that empower your creativity in crafting exceptional furniture and interior spaces

Whether you're working with MDF for its versatility, HDHMR for its exceptional moisture resistance, particle boards for their eco-friendliness, or bagasse particle boards for their sustainable qualities, we have a comprehensive range of options to cater to your specific project requirements

Whether you're a seasoned professional or a DIY enthusiast, our extensive range of materials, along with our outstanding customer service, ensures that your projects are met with success. Discover the endless possibilities that our materials can bring to your designs, and let us be your partner in creating beautiful, functional, and enduring spaces



WOOD BASE
Particle Board

9'X6', 8'X6', 8'X4'

9mm, 11mm, 15mm, 17mm, 18mm, 25mm



RP 101 MOLDAU ACACIA DK P



RP 102 MOLDAU ACACIA LT P



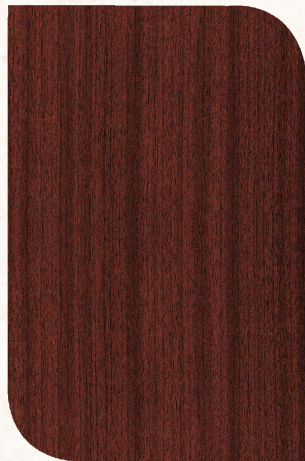
RP 103 HIGHLINE PINE P



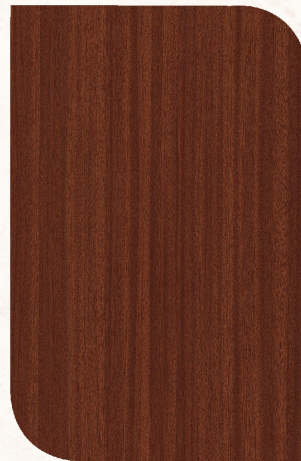
RP 104 OXFORD CHERRY P



RP 105 KHAYA MAHAGONY P



RP 106 MAHAGONY



RP 107 SAPHELI P



RP 108 BAVERIAN BEECH



RP 109 MANGFALL BEECH P



RP 110 THANSAU MAPLE P



RP 111 ICE BEECH P



RP 112 INTAL BEECH P

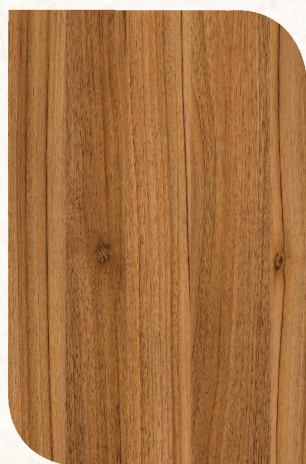
WOOD BASE
Particle Board

9'X6', 8'X6', 8'X4'

9mm, 11mm, 15mm, 17mm, 18mm, 25mm



RP 113 ALBERTA MAPLE



RP 114 NOCE LYON



RP 115 VARANGER OAK DK



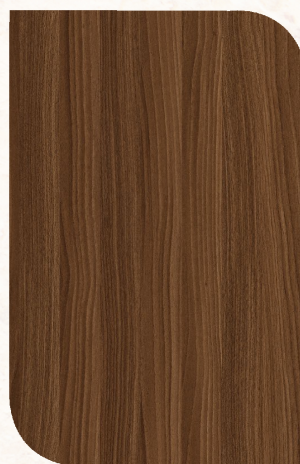
RP 116 VARANGER OAK LT



RP 117 LOME CHERRY



RP 118 URBAN TEAK



RP 119 CP WALNUT



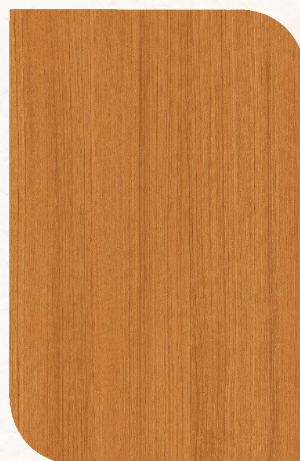
RP 120 CROSSLINE DK



RP 121 CROSSLINE LT



RP 122 NAINA TEAK



RP 123 BURMA TEAK



RP 124 ASIAWOOD DK

WOOD BASE
Particle Board

9'X6', 8'X6', 8'X4'

9mm, 11mm, 15mm, 17mm, 18mm, 25mm



RP 125 ASIANWOOD LIGHT



RP 126 ASIAWOOD TK



RP 127 CHESTNUT DARK



RP 128 CHESTNUT LIGHT



RP 129 SEASON DK



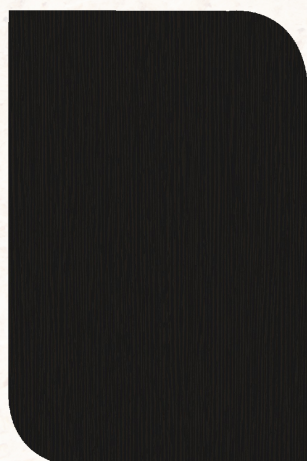
RP 130 SEASON LT



RP 131 FLOWERY WENGY



RP 132 FL WENGY BROWN



RP 133 BLACK LINE WENGY



RP 134 PLATEAU APPLE MD



RP 135 PLATEAU APPLE LT



RP 136 NOCE VERSAILLES DK

WOOD BASE
Particle Board

9'X6', 8'X6', 8'X4'

9mm, 11mm, 15mm, 17mm, 18mm, 25mm



RP 137 NOCE VERSAILLES MD



RP 138 NATURAL VENEER DK



RP 139 NATURAL VENEER LT



RP 140 CANTANIA OAK DK



RP 141 CANTANIA OAK LT P



RP 142 SONOMO DK P



RP 143 SONOMO LT P



RP 144 AMERICAN WALNUT



RP 145 NICEWOOD



RP 146 GRENADE PINE MD



RP 147 HASTING SANDAL



RP 148 LORAIN WALNUT P

WOOD BASE
Particle Board

9'X6', 8'X6', 8'X4'

9mm, 11mm, 15mm, 17mm, 18mm, 25mm



RP 149 CANYON OAK MD P



RP 150 CANYON OAK DK P



RP 151 SANTANA DK P



RP 152 SANTANA LT P



RP 153 COLUMBIA WALNUT DK P



RP 154 COLUMBIA WALNUT MD



RP 155 FLAGSTAFF OAK DK P



RP 156 FLAGSTAFF OAK LT P



RP 157 FLAGSTAFF OAK TK P



RP 158 TWIST GR P



RP 159 TWIST LT P



RP 160 TWIST DK P

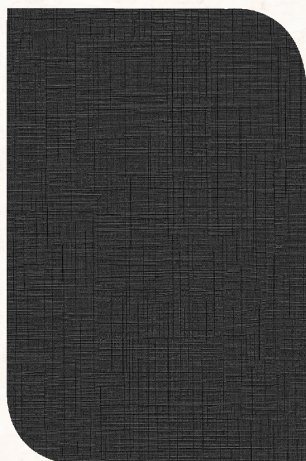
WOOD BASE Particle Board

9'X6', 8'X6', 8'X4'

9mm, 11mm, 15mm, 17mm, 18mm, 25mm



RP 161 CAMBRIC LT



RP 162 CAMBRIC DK



RP 163 MAPLE WALNUT



RP 164 GIANTWOOD DK



RP 165 GIANTWOOD LT



RP 166 RALPHWOOD DK



RP 167 RALPHWOOD LT



RP 168 SWISSWOOD DK



RP 169 SWISSWOOD LT



RP 170 REGETTA WALNUT DK



RP 171 REGETTA WALNUT LT



RP 172 SHISHAM DK

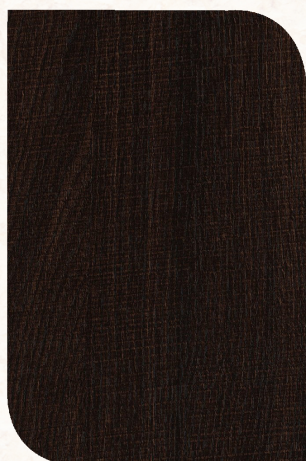
WOOD BASE
Particle Board

9'X6', 8'X6', 8'X4'

9mm, 11mm, 15mm, 17mm, 18mm, 25mm



RP 173 SHISHAM LT



RP 174 SAWCUT DK



RP 175 LEMON OAK



RP 176 CYPRUS DK



RP 177 CYPRUS LT



RP 178 CYPRUS TK



RP 179 RIVERA OAK DK



RP 180 RIVERA OAK TK



RP 181 RIVERA OAK LT



RP 182 COACHWOOD DK



RP 183 COACHWOOD TK



RP 184 COACHWOOD LT

WOOD BASE
Particle Board

9'X6', 8'X6', 8'X4'

9mm, 11mm, 15mm, 17mm, 18mm, 25mm



RP 185 ROLEX DK



RP 186 ROLEX LT



RP 187 ANTIQUE DK



RP 188 ANTIQUE LT



RP 189 TAJ MARBLE



RP 190 ELTON MARBLE



RP 191 ROSEWOOD



RP 192 JUNGLEWOOD DK



RP 193 JUNGLEWOOD LT



RP 194 BENGALI MANGO

WOOD BASE
Particle Board

9'X6', 8'X6', 8'X4'

9mm, 11mm, 15mm, 17mm, 18mm, 25mm



RP 501 FROSTY WHITE P



RP 502 SUPER WHITE P



RP 503 IVORY P



RP 504 SILVER GREY P



RP 505 SLATE GREY P



RP 506 GOTHIC GREY P



RP 507 CERAMIC GREY P



RP 508 BLACK P



RP 509 ELECTRIC BLUE P



RP 510 YELLOW P



RP 511 RED P

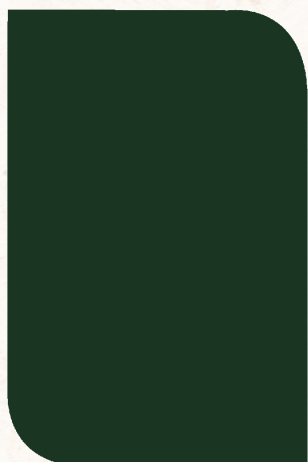


RP 512 ORANGE P

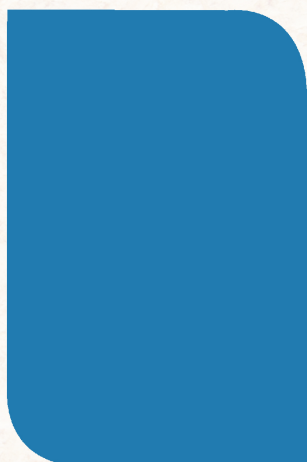
WOOD BASE
Particle Board

9'X6', 8'X6', 8'X4'

9mm, 11mm, 15mm, 17mm, 18mm, 25mm



RP 513 SPANISH GREEN P



RP 514 YUKON BLUE P



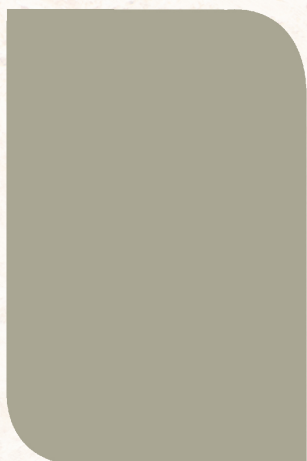
RP 515 PARROT GREEN P



RP 516 CORAL PINK P



RP 517 BABY PINK



RP 518 BARLEY P



TECHNICAL SPECIFICATIONS

SPECIFICATION CHART OF RAJ PANELS

Properties/ Requirments as per IS 12823 : 1990	Plain Board	Raj Panels Board	Pre-Laminated Board	Raj Panels Pre-Laminated Board
Tolerance in Length (mm)	+6/-0	+6/-0	+6/-0	+6/-0
Tolerance in Width (mm)	+3/-0	+3/-0	+3/-0	+3/-0
Tolerance in Thickness (%)	±5	±5	±5	±5
Edge Straightness(%)Squareness(%)	0.20	0.20	0.20	0.20
Density (Kg/M ³)	500-900	500-900	500-900	500-900
Squareness (%)	0.20	0.20	0.20	0.20
Density Variation (%)	±10	±10	±10	±10
Moisture Content (%)	5-15	5-15	5-15	5-15
Water Absorption(%) - After 2 hours of Soaking	7	7	7	7
Water Absorption(%) - After 24 hours of Soaking	15	15	15	15
Thickness Swelling(%) - After 2 hours of Soaking	5	5	5	5
Modulus of Rupture(N/mm ²) -Average	15	15	15	15
Modulus of Rupture(N/mm ²) -Minimum Individual	13	13	13	13
Modulus of Elasticity(N/mm ²) -Average	2500	2500	2500	2500
Modulus of Elasticity(N/mm ²) -Minimum Individual	2200	2200	2200	2200
Tensile Strength (N/mm ²) -Perp. to Surface-Upto 20 mm thickness	0.45	0.45	0.45	0.45
Tensile Strength (N/mm ²) -Perp. to Surface-Above 20 mm thickness	0.40	0.40	0.40	0.40
Tensile Strength (N/mm ²) -Perp. to Surface-After Cyclic Test	0.20	0.20	0.20	0.20
Tensile Strength (N/mm ²) -Perp. to Surface-After Accelerated	0.15	0.15	0.15	0.15
Water Resistance Test				
Screw Withdrawal Strength(N) -Face	1250	1250	1250	1250
Screw Withdrawal Strength(N) -Edge-Above 12 mm thickness	850	850	850	850
Abrasion Resistance- (Number of Revolutions)-Type II	450	450	450	450

PHYSICAL FEATURES & APPLICATIONS OF RAJ PANELS

Size	: 9x6 (2.75x1.83) / 8x6 (2.44x1.83)
Thickness	: 9mm,11mm,15mm,17mm,18mm,25mm
Finish	: Suede,Matt,Glossy
Features	: 1. Lightweight yet Durable 2. Uniform in Thickness 3. Comes in variety of Shades & Colours 4. Termite & Borer Free
Applications	: Furniture & Interior 1 Storage Units , Cabinets , Book Shelves 2 Work Stations,Pedestals,School Double Benches 3 Cash Counters, Computer Tables,Lab Tables 4 Dressing Tables,Beds,Shoe Racks, TV Trolleys 5 Partition and wall panelling Non-Furniture 1 Table Tennis Table Tops 2 Notice Boards , Chalk Boards , etc.

CHARACTERISTICS OF RAJ PANELS

Three Layered Structure	: Boards have high impact resistance due to high surface density. Presence of coarse particles in centre results in good screw holding capacity.
Planned Particle Geometry	: There is strong bonding between the particles. As a result, screws are held in place strongly and can be removed and re-fixed again and again.
Compact Edges	: Edges can be easily sealed with PVC tapes as there isn't any hole or gap.



RAJ PARTICLE BOARDS & LAM

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