

TECHNOLOGY OF BUILDING MATERIALS

PLYWOOD:

PLYWOOD IS A TYPE OF STRONG THIN WOODEN BOARD CONSISTING OF TWO OR MORE LAYERS GLUED AND PRESSED TOGETHER WITH THE DIRECTION OF THE GRAIN ALTERNATING. TYPES:

SHUTTERBOARD:

SHUTTERBOARD CONSISTS OF PINE OR MERANTI PLY WITH SOLID STRIPS OF LAMINATED PINE BETWEEN.

SIZE 1220X2440mm THICKNESS 21mm GRADE: CC

SHUTTERPLY:

SHUTTERPLY CONSISTS OF VARIOUS LAYERS OF PINE PLY.

SIZE 1220X2440mm THICKNESS 18mm – 21mm GRADE: CC

EXTERIOR PLY:

PLY CONSISTS OF MANY LAYERS OF PINE PLY WITH EITHER A HARDWOOD OR PINE FACE. A WSP (WATER/ BOIL PROOF) GLUE IS USED. AVAILABLE IN BB AND CC GRADE IN THICKNESS 6mm, 9mm OR 12mm.

FILM FACE SHUTTERPLY:

AN EXTRA (USUALLY BLACK) WATERRESISTANT COATING IS ADDED TO STANDARD SHUTTERPLY. THIS ALLOWS EASIER REMOVAL AFTER POURING CONCRETE AND IS POPULAR WITH CONCRETE DECK INSTALLATIONS. THIS PRODUCT CANNOT BE PAINTED.

SIZE 1220X2440mm THICKNESS 21mm GRADE: FILM FACE

MARINE PLY:

MARINE PLY CONSISTS OF MANY LAYERS OF HARDWOOD WITH A WSP GLUE FOR LAMINATIONS.

SIZE 1220X2440mm THICKNESS 4mm, 6mm, 9mm, 12mm, 15mm AND THICKER IF REQUIRED.

GRADES:

- A – GRADE: HIGH QUALITY FACE (SUITABLE FOR CLEAR FINISHING.)
- B – GRADE: HIGH QUALITY SURFACE (SUITABLE FOR PAINTING)
- C – GRADE: NON APPEARANCE GRADE (NOT MEANT TO LOOK ATTRACTIVE)



STANDARD POLE HANGERS:

LOG DOG:

SIMPLEST AND LOWEST METHOD OF CONNECTING TREATED POLES. CAN BE USED TO JOIN MEMBERS AT ANY ANGLE. THE FASTENER IS A RIGIDLY FORMED GALVANIZED METAL CRADLE WHICH WILL ACCEPT THE NATURAL VARIATIONS PRESENT IN POLE MATERIAL RANGING FROM 90mm – 140mm IN DIAMETER

POLE HANGER:

THE POLE HANGER IS DESIGNED TO PROVIDE EFFICIENT AND ECONOMICAL ANCHORAGE OF GUM POLES TO BRICK OR CONCRETE WALLS IN THE CONSTRUCTION OF PERGOLAS, ETC. IT IS EASY TO FIX USING M12 ANCHORS FOR UP TO 500kg LOAD CAPACITY.

LIGHT POLE HANGER:

THIS HANGER HAS BEEN DESIGNED TO MAKE POLE TO POLE OR POLE TO FLAT SURFACE CONNECTION EASIER. TESTED FOR LOADING CAPACITY OF 380kg.

GUMBOU:

GUMBOU CONSTRUCTION BRACKETS ARE METAL CONNECTORS FOR ROUND POLE TIMBER STRUCTURES. THE BRACKET ENABLE TIMBER STRUCTURES TO BE ERECTED RAPIDLY, WITH STRONG, RELIABLE JOINTS AND WITHOUT AFFECTING THE EFFICIENCY OF THE PRESERVATION TREATMENT OF THE TIMBER.

CONVENTIONAL JOINTING TECHNIQUES ARE INEFFICIENT. SIMPLE NAILED OR BOLTED JOINTS MAY DEVELOP 15% OF THE STRENGTH OF THE CONNECTED MEMBERS. THE COMMONLY USED HALF LAP JOINT REDUCES THE STRENGTH BY 50%.

GUMBOU SPECIFICATIONS:

CONSTRUCTION BRACKETS ARE PRESSED FROM 1.6mm MILD STEEL, HEATED AND PAINTED WITH NATURAL CORROSIVE RESISTANT COATING.

BRACKETS ARE RIGHT ANGLED AND COMMONLY USED IN STRUCTURES.

THE BRACKET IS FIXED TO POLES BY 65mm LONG DRIVE SCREWS AND GENERALLY USED WITH SMALLER DIAMETER POLES.

BOLTS AND THREADED ROD:



COMMUNITY HUB - "A PERMEABLE SPACE THAT ENCOURAGES FLEXIBLE USE FOR CREATIVE PERFORMANCE"

UDO LOTTER



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