

Overview:

Hydro-tek is multiply marine plywood that is superior to all standard Meranti plywood currently produced.. Both face and inner plies are constructed from whole piece, colour-matched, Meranti veneers. Hydro-tek is used in boat building applications where only the best will do. Hydro-tek's durable rating will ensure that you are using a marine plywood that will last a lifetime.

Properties:

Hydro-tek has excellent machining properties as it can be easily sawn and bored leaving smooth edges. It also has good nailing and screw-holding properties and is easy to stain and glue. Hydro-tek Meranti has superior durability and insulation properties compared to other timbers commonly used in marine applications such as Okoume, Pine, Spruce, Fir and Hemlock. Due to the multiply construction, its strength properties are superior to other marine plywood available.

Technical Specifications:

Face Veneers:	No structural defects allowed. Appearance grade face and back colour-matched (pink/red).
Core Veneers:	AU core veneers are comprised of whole piece veneers ensuring no major core voids. See BS1088 grading rules.
Glue:	WPB (Phenolic)
Bending Strength:	92N/mm ²
Modules of Elasticity:	11400N/mm ²
Compression Parallel to Grain:	52.9N/mm ²
Impact Strength:	0.74N/mm ²
Durability:	DURABLE
Movement:	STABLE
Working Properties:	GOOD

Construction:

3mm(1/8") - 3ply	9mm(3/8") - 7ply	18mm(3/4") - 13ply
4mm(5/32") -3ply	12mm(1/2") - 9ply	21mm(7/8") -17ply
6mm(1/4") - 5ply	15mm(5/8") - 12ply	25mm(1") - 19ply

Lloyd's of London Certification Pending