

PHYSICAL & MECHANICAL PROPERTIES

DARK RED MERANTI / OBAR SULUK

Physical Properties:

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|------------------|---|
| Air Dry Density: | 560 – 865 kg/m ³ |
| Shrinkage | Radial: 1.1. – 2.1 % |
| | Tangential: 2.9 – 4.4 % |
| Seasoning: | Dries fairly fast and is free from seasoning defects. |

Mechanical Properties:

| | |
|----------------------|---|
| Strength Group: | C |
| Static Bending MOE: | 11,200 – 13,900 N/mm ² |
| MOR: | 74 – 92 N/mm ² |
| Compression Strength | Perpendicular to Grain: 2.97 – 5.03 N/mm ² |
| | Parallel to Grain: 38.80 – 52.90 N/mm ² |
| Shear Strength: | 8.00 – 11.40 N/mm ² |

Durability: Moderately Durable

Uses / Applications:

- Construction
- Furniture
- Joinery
- Interior Fittings
- Door & Window Frames
- Panelling
- Partitions
- Utility Flooring
- Moulding
- Fancy Doors
- Boat Construction
- Veneer & Plywood