

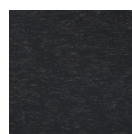
Bar Reinforced Molded Lumber

Tangent's Bar Reinforced Molded Lumber is an exceptionally strong and durable product, best suited for projects that require wider spans and dimensional stability. Able to withstand even the most extreme weather conditions and environments, Bar Reinforced Molded Lumber remains long-lasting in light and heavy-duty structural applications.

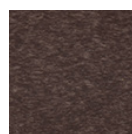
Common Applications

- Playgrounds
- Retaining Walls
- Pedestrian Bridges
- Fencing
- Fender Wales
- Fender Piles
- Boardwalks-Decking
- Boardwalks-Substructure

Standard Colors



Black



Brown



Spice



Mink



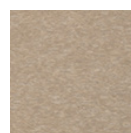
Redwood



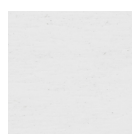
Cedar



Chestnut



Norwegian
Weatherwood



White



Cement



Gray



Dark Gray



Industrial
Gray



Blue



Yellow



Green

TECHNICAL INFORMATION

Properties	ASTM	Value/Units
Specific Gravity	D6111	0.99
Flexural Strength	D6109	2,700 - 9,500 psi*
Flexural Modulus (Secant, at 1% strain)	D6109	270 - 725 ksi*
Compressive Strength (Perpendicular to grain)	D6108	1,482 psi
Compressive Modulus (Perpendicular to grain, Secant, at 1% strain)	D6108	50 ksi
Coefficient of Thermal Expansion	D6341	0.000014 in/in/°F
Static Coefficient of Friction - Dry	D2394	0.39
Static Coefficient of Friction - Wet	D2394	0.38
Impact Resistance (Izod)	D256	2.64 ft-lb/in
Water Absorption	D570	0.27% max by weight
Screw Withdrawal	D6117	646 lbs
Useful Temperature Range		-40F to +140°F

*Dependent upon selected profile and reinforcement

