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GLOBALGRID Decking vs. Structural Timber

Globalgrid decking has a number of significant advantages over timber in the marina applications. Globalgrid decking will not rot or decay and is not susceptible to insect attack, and has long lasting anti-slip property. Unlike wood, Globalgrid decking requires no environmentally unfriendly preservatives or repellants, and does not absorb any significant amount of water. It is consistent in strength and appearance piece-to-piece (no culling). Globalgrid decking is stronger and more rigid than structural timber.

COMPARE	GLOBALGRID Decking	Structural Timber
Corrosion Resistance	Superior resistance to a broad Range of chemicals. Unaffected by moisture or immersion in water. Premium polyester resin and UV additives create excellent weatherability.	Can warp, rot and decay from exposure to moisture, water and chemicals. Coatings or preservatives required to increase corrosion or rot resistance can create hazardous waste and/or high maintenance.
Anti-slip	Integrally bonded, hard angular silica grit provides long lasting anti-slip in varying conditions (dry and wet)	Bad anti-slip especially in wet conditions.
Insect Resistance	Unaffected by insects	Susceptible to insect attack (marine borers, termites etc.). Coating to increase resistance to insects can be environmentally hazardous.
Strength	Significantly higher strength-to-weight ratio.	
Electrical Conductivity	Non-conductive, high dielectric	Can be conductive when it is wet.
Finishing and Color	Pigments added to the resin provide color throughout the par. Special colors available.	Must be primed and painted for colors. To maintain color, repainting may be required.
Cost	Maintenance free, long service life	Lower initial cost, higher maintenance.