



## TMT MARINE® TECHNICAL SPECIFICATION DATA SHEET

Specie: Hard Maple  
Scientific name: *Acer Saccharophorum*  
Process treatment: Air drying – Kiln drying - Thermally modified

- Density (kg/m<sup>3</sup>) according EN408 681Kg/m<sup>3</sup>
- Radial shrinkage according ISO13061-13 0.96%
- Tangential shrinkage according ISO13061-13 1,05%
- Volumetric shrinkage according ISO13061-13 1,85%
- TS/RS ratio 1,09
- Modulus of elasticity according EN408 16,23GPa
- Resistance (Brinell hardness) according EN1534 30,65N/mm<sup>2</sup>
- Slip/skid surface resistance according EN13036-4
  - Dry test 64PTV
  - Wet test 43PTV
- Wear resistance according US Navy/Wisconsin Univ.  
based on 1000 rev of abrading disk P-80
  - Tangential wear in inches 0,0090"
  - Radial wear in inches 0,0116"

(Values in teak Tan=0,0666" Rad=0,0828")

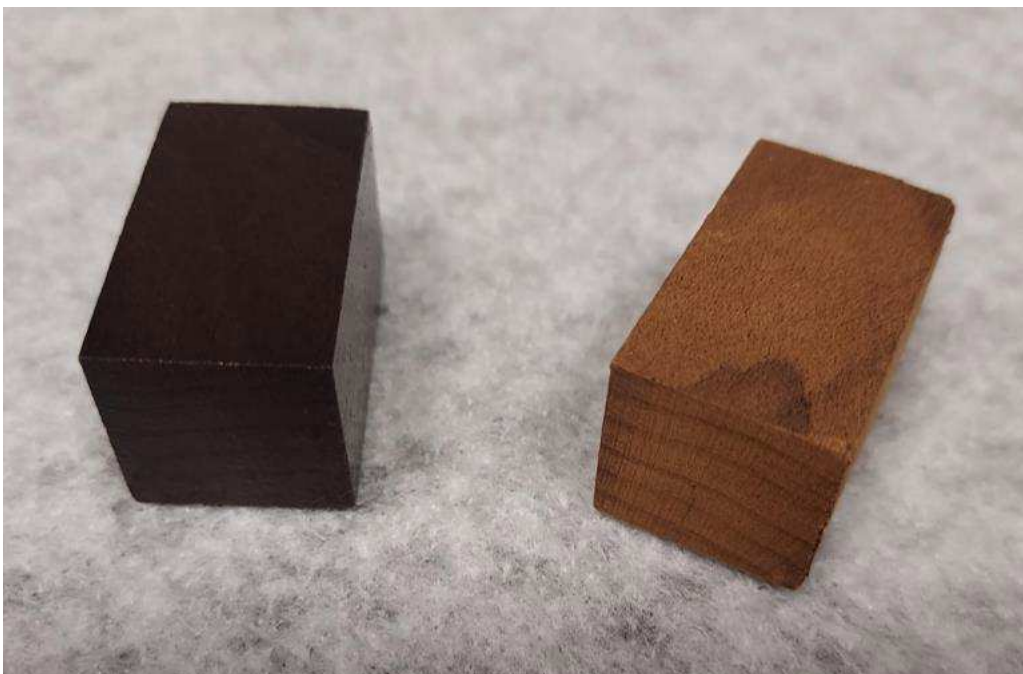
- Exterior durability according EN-350 Class 1 (Very durable)



TMT Marine® samples sent to Tecnia laboratory



Saturated and dry samples for shrinkage tests



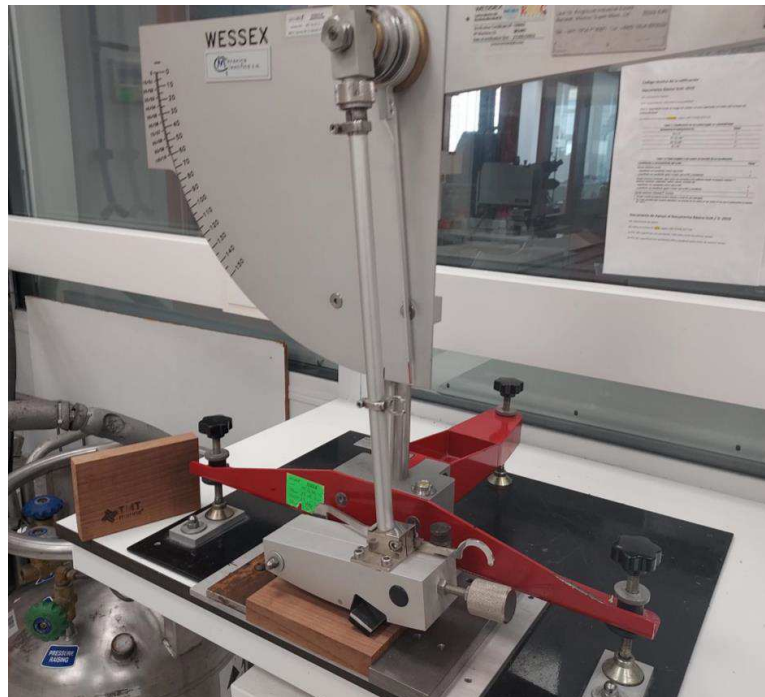
Modulus of elasticity bending test



Brinell hardness test



Slip / Skid resistance test



Dry



Wet

