ANGELIM PEDRA

Hymenolobium spp.

Angelim Pedra is a dense, durable tropical hardwood native to the forests of South America, particularly Brazil, and is appreciated for its exceptional strength and long lasting performance. Its heartwood ranges from warm yellowish-brown to reddish-brown and often features subtle dark streaks. Named “pedra” (Portuguese for stone) because of its hard mineral deposits, it offers exceptional load-bearing strength and decay resistance. Angelim Pedra is especially well suited for demanding applications where durability is essential. Commonly used for heavy duty truck and trailer flooring, bridges, exterior construction, and for heavy industrial use.



Surfaced



Surfaced and clear coat

Harvested In:
South America

Family:
FABACEAE (angiosperm)

WOOD DESCRIPTION

Color:	*Orange yellow*
Sapwood:	*Not Clearly Demarcated*
Texture:	*Coarse*
Grain:	*Straight to Interlocked*

CHARACTERISTICS

- Easy to Work
- Moderately Durable
- Resistant to Termites

COMMON USES

- Flatbed trailer flooring
- Container flooring
- Industrial flooring
- Slats and Scuff
- Heavy carpentry
- Joinery (interior / exterior)

AVAILABILITY

- Air Dried, Kiln Dried
- Rough, Blanks, Shiplap
- Various dimensions

All Rights Reserved

PHYSICAL / MECHANICAL PROPERTIES

Average Dried Weight	*5.85 lbs/bf*
Specific Gravity:	*0.80*
Janka Hardness (lbs):	*1,720*
Volumetric Shrinkage:	10.2%
Total Tangential Shrinkage (TS):	*8.3%*
Total Radial Shrinkage (RS):	*4.9%*
TS/RS Ratio:	*1.7*

Fiber Saturation Point:	*25%*
Crushing Strength:	*9,717 lbf/in²*
Static Bending Strength:	*17,259 lbf/in²*
Modulus of Elasticity:	*3,026,937 lbf/in²*
Stability:	*Moderate to poor*

** Based on 12% Moisture Content*

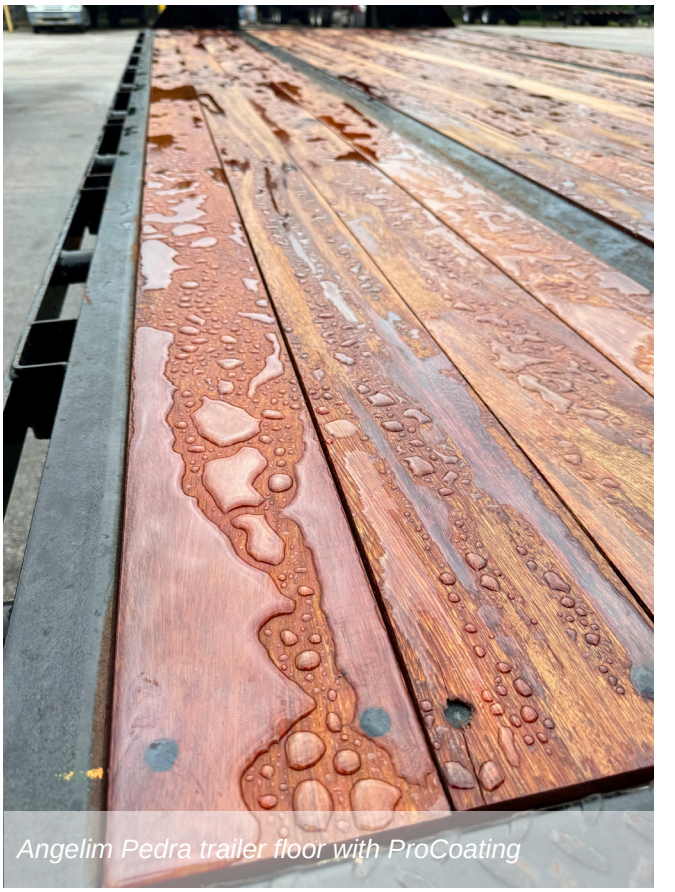
WORKING / FINISHING PROPERTIES

Blunting Effect:	*Normal*
Sawteeth Recommended:	*Ordinary / Alloy steel*
Cutting Tools:	*Ordinary*
Peeling:	*Poor*

Slicing:	*Good*
Nailing / screwing:	*Pre-Boring necessary*
Gluing:	*Good*

Note: Tendency to end-check with nailing.





Angelim Pedra trailer floor with ProCoating