ANGELIM PEDRA

Hymenolobium spp.

Harvested In:
South America

Family:
FABACEAE (angiosperm)

WOOD DESCRIPTION

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

CHARACTERISTICS

- Easy to Work
- Moderately Durable
- Susceptible 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

PHYSICAL / MECHANICAL PROPERTIES

Air Dry Density	*lbs/bf*
Specific Gravity:	*0.80*
Janka Hardness (lbs):	*1,720*
Volumetric Shrinkage:	*%*
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*
Static Bending Strength:	*17,259 lbf*
Modulus of Elasticity:	*3,026,937 lbf*
Stability:	*Moderate to poor*

WORKING 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.

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