

Key Details:

- Black Locust, scientific name Robinia Pseudoacacia
- Palisades are full-length Black Locust logs that we de-bark and sand the sapwood off to create an irregular shaped pure heartwood cylindrical post. We can provide these in diameters of 4” to 12” (with some up to 20”) and lengths from mostly 1’ to 20’ (with some up to 40’).



Specifications:

Wood Common name	Black Locust
Wood Scientific name	Robinia Pseudoacacia
Color	Initial color is blonde to light red/light brown
Grain	Tight grain
Density @ 20% moisture	4.5 to 5.0 pounds per board foot
Durability	Highest rating from USDA (Exceptionally high decay resistance)
Fire rating	Class A (ASTM E84-16 tested)
Hardness (Janka)	1,700
Resistance to decay and insect attack	Resistant to attack by decay fungi and termites.
Modulus of rupture	19,400 lbf/in ²
Modulus of elasticity	2,050,000 lbf/in ²
Maximum crushing strength	10,200 lbf/in ²
Wood movement properties	Radial: 4.6%, Tangential: 7.2%, Volumetric: 10.2%, T/R Ratio: 1.6