



# Black Locust *for* Custom Benches

DOC · SPEC-BL-BENCH  
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FIG. 01 · PUBLIC BENCH PROGRAM

BLACK LOCUST IN EXTERIOR PUBLIC SEATING · NATURAL SURFACE · NO FINISH

## 01 THE BENCH MATERIAL

A natural answer to *exterior* seating.

Black Locust is a dense, decay-resistant domestic hardwood whose performance in exterior seating, decking, and structural site furniture rivals imported tropics — without chemical treatment, without applied finish, and without a tropical supply chain.

## 02 WHY BLACK LOCUST

Three reasons it *outperforms* the typical bench spec.

- 01 No chemical treatment required.**  
Naturally **AWPA Class 1** rot-resistant. No CCA, no ACQ, no preservatives — 100% natural wood, safe for public seating from day one.
- 02 No UV protectant or sealant.**  
Weathers to the same silver-gray patina as lpe. Entirely natural surface performance — finish-free maintenance over the life of the bench.
- 03 Fast-growing domestic hardwood.**  
A rapidly-renewing North American species harvested from the Appalachian region. Verifiable domestic supply chain — no imported tropical hardwoods, no questions about provenance.

## 03 PRODUCTION

Standard dimensions & lengths.

SLAT SELECTION	5/4x4 · 5/4x6 · 2x4 · 2x6
HEAVY SECTION	4x4 · 6x6
MAX STANDARD TIMBER	6x6 — largest production
AVAILABLE LENGTHS	6' · 8' · 10' · 12'

Custom sizes available within this range. Anything larger than 6x6 is premium custom — pricing on request.

- APPALACHIAN U.S.
- FAST-GROWING
- LEED-ALIGNED
- NON-TOXIC
- NO TROPICAL IMPORTS

## 04 AT A GLANCE

<b>1,700 lbf</b> JANKA HARDNESS vs. 660 lbf for Douglas Fir	<b>Class A</b> FIRE RATING Naturally compliant	<b>AWPA<sub>1</sub></b> DECAY RESISTANCE Highest natural rating
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## 05 LIMITED WARRANTY

Coverage *backed* by the material.

- 50<sub>yr</sub>** Above-ground exterior applications — benches, decking, siding, pergolas, fencing.
  - 25<sub>yr</sub>** At or below ground level, and dock / marine applications.
- Covers fungal rot and decay. Full terms at blacklocustlumber.com.*

## 06 MATERIAL PROPERTIES

HARDNESS	<b>1,700 lbf</b> Janka
DECAY CLASS	AWPA Class 1
FIRE RATING	Class A
DENSITY	~48 lbs / ft <sup>3</sup>
SURFACE	Weathers to silver-gray patina · no finish required
TREATMENT	None — no CCA / ACQ / preservatives
SOURCE	Domestic hardwood, Appalachian U.S.

## 07 BLACK LOCUST · DOUGLAS FIR

PROPERTY	BLACK LOCUST	DOUGLAS FIR
JANKA HARDNESS	<b>1,700 lbf</b>	660 lbf
NATURAL DECAY RESISTANCE	<b>Class 1 · 50 yr</b>	Non-durable · ~10 yr
CHEMICAL TREATMENT	<b>None required</b>	Required, exterior
WEATHERING	<b>Silver-gray patina (lpe-like)</b>	Grays & degrades
WARRANTY, ABOVE-GROUND	<b>50 years</b>	N/A