

GREEN WALLABA VS. KILN-DRIED 35-YEAR-OLD TEAK

Heartwood shingle performance comparison for non-hurricane zones

FEATURE	GREEN WALLABA	KILN-DRIED 35-YEAR TEAK HEARTWOOD	ADVANTAGE
Appearance when new*	8.0	9.5	Teak
Appearance after weathering*	8.5	9.0	Teak
Lower material weight (same volume)	5.5	9.5	Teak
Responsible sourcing**	7.5	9.0	Teak
Heartwood quality	8.5	9.5	Teak
Resistance to decay	9.0	9.5	Teak
Termite and insect resistance	9.0	9.0	Equal
Moisture resistance	8.5	9.5	Teak
Dimensional stability	5.5	9.5	Teak
Resistance to warping and cupping	5.5	9.5	Teak
Strength-to-weight performance	6.5	9.0	Teak
Low-maintenance performance	8.0	9.0	Teak
Cutting and installation	7.0	8.0	Teak
Estimated service life***	30-50+	40-60+	Teak
Long-term roofing potential	years 8.0	years 9.5	Teak

OVERALL PERFORMANCE SCORE	GREEN WALLABA 7.5 / 10	KILN-DRIED 35-YEAR TEAK 9.2 / 10
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CONCLUSION

For a non-hurricane zone, **kiln-dried 35-year-old teak heartwood receives the higher overall performance score.** Its principal advantages over green Wallaba are lower installed weight, controlled moisture content, dimensional stability and reduced drying-related movement.

Green Wallaba remains naturally durable, but it must dry after manufacture or installation and may experience greater shrinkage, checking, warping or cupping during that process.

*Appearance is subjective. 'Green Wallaba' means not kiln-dried and at elevated moisture content; it is not an environmental certification. **Sourcing assumes verified legal origin and traceable chain of custody. ***Service-life ranges are estimates, not warranties; actual roof life depends on shingle thickness, drying, exposure, ventilation, fastening, underlayment and maintenance. Technical basis: USDA Wood Handbook, Chapters 4 and 13.



SABRETEAK
— CUSTOM TEAK —

Kit Comby

- CEO
- +1713 725 7736
- kit.comby@sabreteak.com
- Atlanta, GA 30022