DURATAU™

Thermally Modified Decking

NOVA BUILDING PRODUCTS

ELEVATED PERFOMANCE

DuraTau™ offers the refined look of tropical hardwood with enhanced performance engineered for demanding exterior enviornments. Through precise, chemical-free heat treatment process, the wood's cellular structure is permanently altered to reduce moisture absorption and increase dimensional stability. The result is a product that resists cupping, warping, and swelling. Ensuring smoother install and more consistent surface over time.

RELIABLE DURABILITY

Naturally light in color before treatment, DuraTau™ developes a rich, warm brown tone through thermal modification, creating a sophisticated hardwood aesthetic suited for both residential and commercial applications. It significantly outperforms modified species like ash because it starts with a much higher natural density, meaning it retains far superior strength, stiffness, and impact resistance after thermal modification. Furthermore, DuraTau's™ tight, uniform grain inherently resists surface checking and splintering, delivering a smoother, much more durable deck over the long haul.

BUILT FOR BETTER DECKS

For architects, builders, and homeowners seeking a thermally modified product made with exterior decking demands in mind, DuraTau™ provides a dependable, design forward solution that performs as beautifully as it looks.





TECHNICAL SPECIFICATIONS

Janka Hardness: 1,330 lbs
Strength (MOR): 12,100 (psi)
Stiffness (MOE): 1.8 (10^6 psi)
Grade: First Clear
Density: 510 kg/m^3
Color: Golden-brown, wheat colored
Radial Shrinkage: <2.0%
Tangential Shrinkage: <2.0%
Geographic Area: Latin America
Texture: Fine
Grain: Even to Straight
Luster: Medium
Durability: Class 1 (very durable)
Finishing: Easily takes oil/water-based stains and paint
Fastening: 304, 316 SS - ExoDek QuickClip Recommended
Adhesives: MUF, PU, STP

AVAILABILITY

5/4×4, 5/4×6, 4/4×4, 4/4×6

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