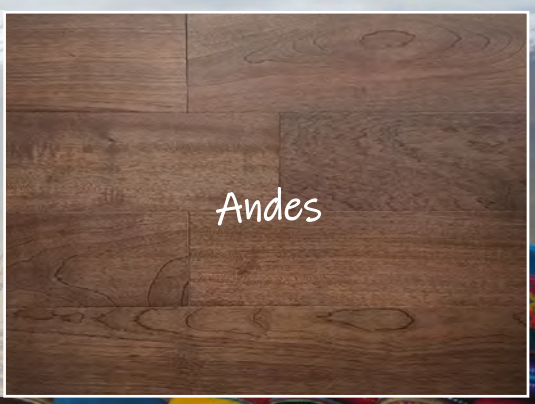
amaz FLOORS
Peruvian Hardwood. Green Rainforest.

The beauty of Peruvian Teak
engineered for sustainable living.

With our native roots in Peru, we are committed to producing sustainable solid and engineered hardwood floors using species from the Amazon. All of our wood is responsibly harvested and our engineered flooring is made from recycled materials. The Peruvian Teak collection is prefinished in seven artisan colors inspired by the nature and history of Peru.

Every aspect of life in Peru is molded by the Andes mountains. From contrasting landscapes and diverse wildlife to indigenous cultures and their histories, the influence of the Andes is present around the world. When the Andes mountains rose up ten million years ago, the Amazon river reversed course, and set the stage for the world's largest rainforest.



Indigenous to the Andes mountains, alpacas have been an integral part of Peruvian culture for centuries. They are famed for their fiber, which is used to make wool. Alpaca fiber is a renewable resource that comes in over 22 natural colors, which reduces the need for dyes, plus producing alpaca wool doesn't require caustic steps that pollute the environment.

From the 13th-19th century, Cusco was the capital city of the Inca empire located in southeastern Peru. During the Spanish conquest, most Inca cities were destroyed, but Machu Picchu survived because it was hidden in the Andes mountains. Thanks to its well-built construction, Machu Picchu is one of the world's most well-preserved archeological gems.

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At a depth of 10,725 feet, the Colca Canyon is one of the deepest in the world. Descendants of the Collagua Indians live deep within the canyon unaffected by modern civilization and continue to live in the traditional fashion of their ancestors. The canyon is also home to a unique ecosystem of Andean animals such as llamas, alpacas, guanacos, vicuñas, pumas, and the Condor, an endangered bird species.

The route from Arequipa, Peru's second most populated city, to Chivay, which is the gateway to the Colca Canyon, is a scenic journey along the Patapampa Pass. At it's highest point, the pass reaches an elevation of 16,109 feet and four volcanoes reside here. They produce sillar, a unique type of volcanic rock, that was used to make colonial architecture in the nearby towns.

Vinicunca, a mountain 17,000 feet above sea level, was covered by a glacier until the snow melted in 2015. The "rainbow" effect developed from harsh environmental conditions that exposed and eroded the mountain's sedimentary mineral layers. These layers had been compacted inside the mountain from centuries of tectonic shifts and volcanic activity.

During the 1950's and 60's, Cabo Blanco, a historic fishing village in northwestern Peru, was the world's most famous spot for hooking a 1,000-pound black marlin. Due to commercial overfishing, the Peruvian government enacted legislation to protect these waters. Conservationists hope that catch-and-release programs will help revive the sea and the local economy.

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Solid Core Engineered Peruvian Teak
Flooring Features & Specifications

Flooring Specifications	
Dimensions	5/8” Thick x 6.5” Wide x 1’-6’ Random Lengths
Planks	Tongue & Groove
Janka Hardness	2137
Core Material	Solid Hardwood
Glue	PU Glue Formaldehyde-Free and No VOCs
Wear Layer Features	
Species	Peruvian Teak (Copaiba, Copaifera paupera)
Thickness	3mm
Surface	Smooth
Sheen	10% Matte
Finish	VOC-Free UV-cured Aluminum Oxide
Grade	Clear A-Grade
Cut	Plain-Sawn
Grain	Straight, Interlocked, Wavy
Edge	Micro-Bevel
Photosensitivity	Low: Darkens Slightly with Age
Installation	
Acclimation	Do Not Acclimate - Install Immediately Upon Opening the Box
Humidity	40-50%
Method	Glue Down Over Concrete, Glue or Nail Down Over Plywood
Level	Above and Below Grade (Maintaining RH between 25-70%)
Subfloor	Sealed Concrete or KD Plywood
Radiant Heat	Compatible
Limited Lifetime Warranty	
Residential Wear	25 Years
Commercial Wear	3 Years
Packaging	
SqFt/Box	15.98
Weight/Box	45 lbs

Solid Core Engineered Peruvian Teak - Alpaca 6.5” Flooring

Visit www.amaz-usa.com for updates on the latest flooring colors.

Custom colors and sheens are available to interior designers, architects, and builders.

Questions? Please email info@amaz-usa.com or call (484) 874-2158 to speak with a sales representative.

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Solid Core Engineered Flooring
Structure & Quality Assurance Tests

Sustainably Sourced

Our engineered hardwood flooring is made in Peru and the wood is responsibly harvested from FSC 100% certified forests. All wood beneath the wear layer is constructed from recycled materials that are bi-products of our solid hardwood flooring production. This lean manufacturing process minimizes waste and optimizes the amount of flooring produced from every tree.

Solid Core

Our solid core is a 7mm thick composite of recycled hardwood strips, which are arranged in a cross-grain layout that improves the floor's elastic modulus and static bending strength. When the floor is exposed to temperature and humidity fluctuations, the support layers provide an equilibrium that relieves the stress on the wear, core, and base layers. Since perpendicular wood fibers are attached to each other with PU glue, the floor will maintain its manufactured dimensions with no expansion or shrinkage. Our high-quality hardwood wear layer is sawn 3mm thick for greater structural integrity. It can be sanded and refinished twice in a 20-30 year lifespan. The hardwood surface is finished with up to 8 coats of UV oil or lacquer with aluminum oxide protection.

Quality Assurance Tested/BMI accreditation pursuant to ISO/IEC 17025 (IAS Accreditation TL-280)

Test	ASTM	Result
Density	ASTM D1037-12	769Kg/M3
Adhesive Bond Line Performance	ANSI/HPVA EF 2012	Pass
Chemical Stain Resistance	ASTM D1308-02 (2013)	Pass
Wear Resistance (Taber Test)	ASTM D4060-19	1272 Cycles/mil
Static Coefficient of Friction	ASTM D2393-17, Section 33.	0.63
Dynamic Coefficient of Friction	ASTM D2394-17, Section 33.	0.50
Critical Radiant Flux	ASTM E648-19ae1	Meets Class I and Class II as described in NFPA 101: Life Safety Code

Test	ASTM	Result
Optical Smoke Density Flaming Mode (Average)	ASTM E662-19	Ds @ 1.5 min.: 2 Ds @ 4 min.: 17 Dm: 158 Dm Corr.: 153
Optical Smoke Density Non-Flaming Mode (Average)	ASTM E662-19	Ds @ 1.5 min.: 0 Ds @ 4 min.: 1 Dm: 81 Dm Corr.: 80
Sound Transmission Class	ASTM E413-16	STC 60
Impact Insulation Class	ASTM E989-18	IIC 56
High –Frequency Impact Insulation Class	ASTM E3222-20	HIIC 59
VOC Emissions	CDPH-EHLB v1.2 2017 (35 Standard VOC substances tested for indoor air quality)	Pass

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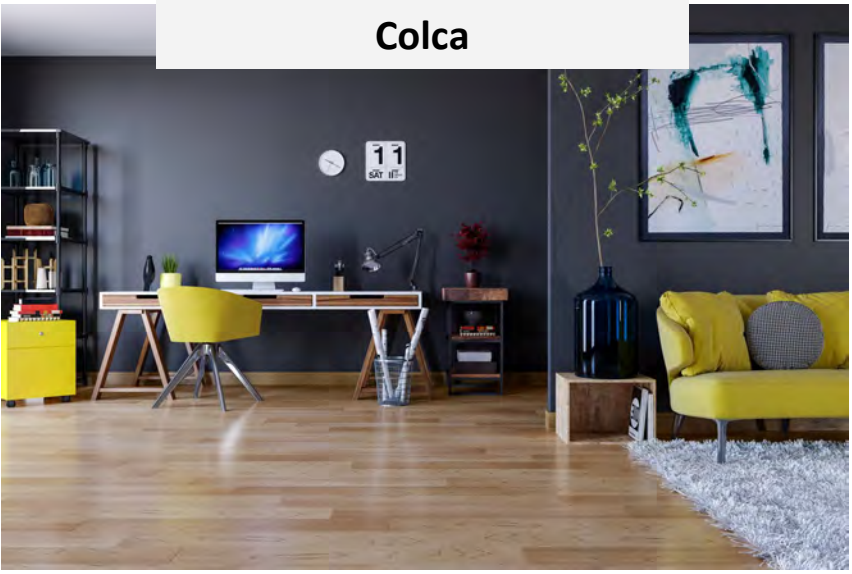
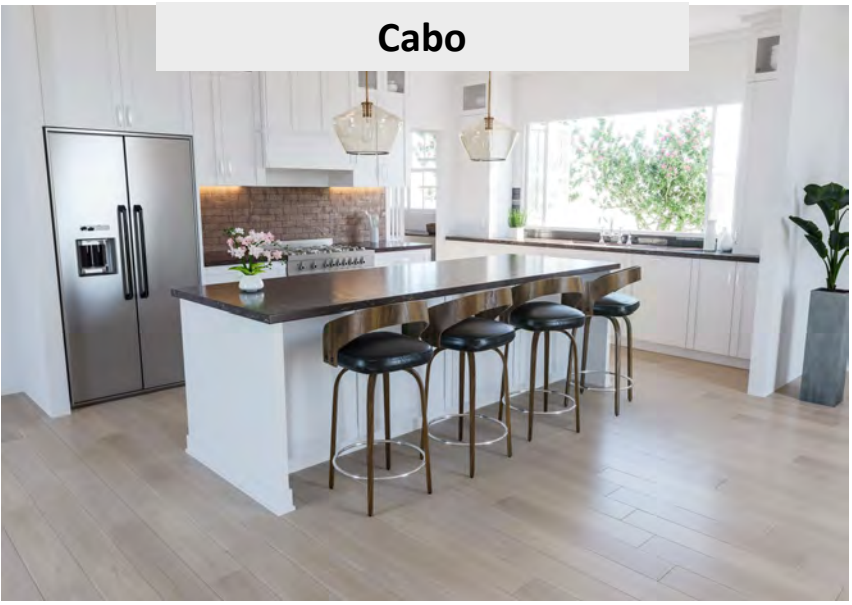
Colca



Andes

Cabo



Chivay

Cusco