

wood
the natural
material for
excellence



Characteristics of wood



NATURAL MATERIAL :

Recent studies have shown how the quality of life improves when man is able to live in a natural habitat. Unlike other products, wood possesses radiation properties in harmony with our organism which thus benefits from them.

CAN LAST A LIFETIME :

The life of a wood floor is very long. In addition to its intrinsic resistance, it also offers the possibility of erasing the ravages of time; in fact, it merely requires sanding in order to be returned to its original splendour.

CAPABLE OF CREATING A PLEASANT ATMOSPHERE :

Of all materials used for flooring, wood is the only one that can act as furnishing on its own and lend a home that stylish, welcoming look we all desire.

EASY MAINTENANCE :

Simply wipe the floor with a well-wrung cloth previously soaked in water.

EXCELLENT SOUNDPROOFING :

In fact, it allows the creation of highly effective noise barrier, thus helping to reduce this irritating aspect of modern life.

VALUE FOR MONEY :

Considering its long life and the simplicity of restoration and repair, a wood floor is definitely the one that allows depreciation of initial cost to be spread out over the maximum number of years.

LOW THERMAL CONDUCTIVITY :

It maintains an almost constant temperature, regardless of environmental conditions.

Wood species used in flooring

T E A K



APPEARANCE :

Colour : Heartwood varies from yellow-brown to dark golden brown; turns rich brown under exposure to sunlight. Sapwood is a lighter cream color.

Grain : Straight; coarse, uneven texture.

Variation within species and grades : Moderate to high color variation.

PROPERTIES :

Hardness (Janka) : 1155

Dimensional Stability : Excellent (change coefficient .00186)

Durability : Stiff and dense; resists wear, excellent shock resistance.

Origin of Timber : Myanmar (Burma), Thailand.

M E R B A U



APPEARANCE :

Colour : Heartwood is yellowish to orange-brown when freshly cut, turning brown or dark red-brown upon exposure.

Grain : Straight to interlocked or wavy; coarse texture.

Variation within species and grades : Moderate to high color variation.

PROPERTIES :

Hardness (Janka) : 1925

Dimensional Stability : Excellent

Durability : Strength is comparable to hickory, but density is somewhat lower.

Origin of Timber : Papua New Guinea, Indonesia

L A U R E L



APPEARANCE :

Colour : Light brown to chocolate, darkening to a full walnut colour overtime, sapwood is reddish white in colour.

Grain : Straight, Coarse, uneven texture, lustrous.

Variation within species and grades : Moderate to High colour variation.

PROPERTIES :

Hardness (Janka) : 2100

Dimensional Stability : Good

Durability : Dense and very strong, High resistance to wear.

Origin of Timber : Myanmar (Burma), Laos, Nepal

AMERICAN OAK



APPEARANCE :

Colour : Heartwood yellowish brown to reddish brown , sapwood whitish to light brown.

Grain : Straight coarse , lustre usually low, without distinct colour , highly figured , pores in radial or diagonal rows rather than being porus.

Variation within species and grades : Moderate to high colour variation.

PROPERTIES :

Hardness (Janka) : 1360 / 1290

Dimensional Stability : Good.

Durability : Hard, Excellent shock resistance and used for all purposes for hundreds of years.

Origin of Timber : North America

Wood species used in flooring

J A T O B A



APPEARANCE :

Colour : Sapwood is gray-white; heartwood is salmon red to orange-brown when fresh, and becomes russet or reddish brown when seasoned; often marked with dark streaks.

Grain : Mostly interlocked; texture is medium to rather coarse.

Variation within species and grades : Moderate to high color variation.

PROPERTIES :

Hardness (Janka) : 2350

Dimensional Stability : Average

Durability : Dense and very strong.

Origin of Timber : South America

S U C U P I R A



APPEARANCE :

Colour : Dull chocolate to reddish brown with parenchyma striping, sharply demarcated with whitish sapwood.

Grain : Texture closed , grain irregular and interlocked.

Variation within species and grades : Moderate to high colour variation.

PROPERTIES :

Hardness (Janka) : 2140

Dimensional Stability : Average

Durability : Highly dense and strong.

Origin of Timber : South America

S A P E L E



APPEARANCE :

Colour : Heartwood a medium or fairly dark reddish Brown or Purplish Brown, Sapwood whitish or pale yellow , distinct.

Grain : Texture rather fine, grain interlocked , sometimes wavy producing a narrow uniform , roe figure, lustrous.

Variation within species and grades : Slight variation in colour.

PROPERTIES :

Hardness (Janka) : 1500

Dimensional Stability : Good

Durability : Average to High Durability.

Origin of Timber : Cameroon, North Africa.

P Y I N K A D O



APPEARANCE :

Colour : Heart wood is reddish brown with darker streaks, often locally specked with dark dark gummy exudations, sapwood pale reddish white.

Grain : Straight, interlocked or frequently wavy, texture moderately fine.

Variation within species and grades : Moderate to medium colour variation.

PROPERTIES :

Hardness (Janka) : 2275

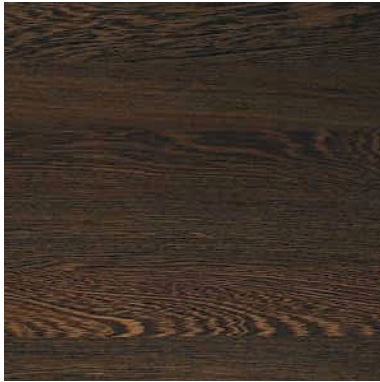
Dimensional Stability : Above average

Durability : very durable and strong, also known as Ironwood.

Origin of Timber : Myanmar (Burma)

Wood species used in flooring

W E N G E



APPEARANCE :

Colour : Heartwood dark brown to almost black with alternate layer of light and dark tissue forming decorative figure , sapwood yellowish white.

Grain : Texture rather coarse , straight and figured grains.

Variation within species and grades : Moderate to High colour variation.

PROPERTIES :

Hardness (Janka) : 1630

Dimensional Stability : Excellent.

Durability : Highly Durable, resists wear.

Origin of Timber : DRC (Congo), Cameroon, North Africa.

BROWN PALM



APPEARANCE :

Colour : Heartwood yellowish Brown to Brown in colour.

Grain : Very similar in grain, coarse with distinct marks.

Variation within species and grades : Medium to dark colour variation.

PROPERTIES :

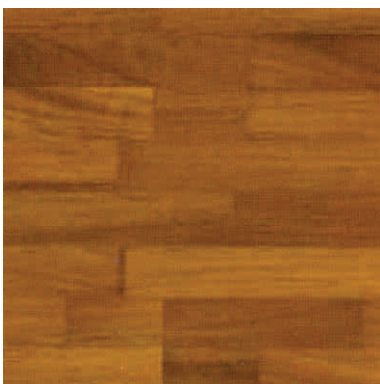
Hardness (Janka) : 1600

Dimensional Stability : Above average.

Durability : Very under utilized and over looked resource , being used now for few years generally durable.

Origin of Timber : Sulawesi, Indonesia

I R O K O



APPEARANCE :

Colour : Heartwood varies from a pale yellowish brown to dark brown with lighter markings most conspicuous on flat sawn surfaces. Sapwood yellowish white clearly demarcated.

Grain : Medium to large , grain typically interlocked , sometimes irregular.

Variation within species and grades : Medium to High colour variation.

PROPERTIES :

Hardness (Janka) : 1260

Dimensional Stability : Excellent.

Durability : Stiff , resists wear , shock resistance.

Origin of Timber : North Africa

D O U S S I E



APPEARANCE :

Colour : Heartwood reddish brown after exposure , sapwood pale to straw whitish, medium lusture .

Grain : Texture moderate to coarse, grain straight and interlocked .

Variation within species and grades : Slight to medium variation in colour.

PROPERTIES :

Hardness (Janka) : 1810

Dimensional Stability : Very good

Durability : Dense and Very Durable.

Origin of Timber : Cameroon (North Africa)

Wooden Flooring ...*Why?*



Jatoba
(Brazilian Cherry)

Here are ten good reasons

1. **Strength and Durability**

High quality hard wood floors that are kiln-dried, manufactured and installed well, can last for generations. Hard wood floors are tough, hard-wearing, and have long term durability. They can stand up to active workspaces and heavy foot traffic.

2. **Wood is a natural product in a diverse range of colors and grain patterns**

Wood floors offer unmatched natural beauty, warmth and design appeal that allow your new or existing house to become your family's exquisite home. Who hasn't marveled at the beauty of a fine wood floor? There is more diversity in wood floors now than ever before... A wood floor for every taste.

3. **Wood is the easiest floor to maintain and requires fewer cleaning solutions**

Whenever someone says, "I think tile or carpet might be easier to clean." I point to my wood floor cleaning tools. With only a swivel mop, I can clean my wood floor in less than half the time it takes to vacuum, scrub or shampoo other floor coverings. They don't trap dust and fumes in the fibers or grow mold in the grout. Unlike carpet or tile cleaning, cleaning a wood floor requires few cleaners.

4. **You can redecorate your floor entirely with stains, finishes and inlays.**

You can change the entire look of a wood floor with stains, paints and inlays without replacing any materials.

5. **Finishes can be repaired or reapplied easily**

Wood floors can be recoated or touched up without any trouble at all. Our industry helps preserve what's already there... The finest form of recycling. A properly maintained wood floor never needs to be completely re-sanded.

6. **Better acoustics**

A properly installed hardwood floor never gives you hollow sounds or vibrations. Almost all acoustic engineers recommend wooden floor for excellent sound absorption.

Wooden Flooring ...*Why?*



Laurel Plank

7. **Wood floors are softer and are better for your feet and joints**

Don't be surprised if your doctor recommends a wood floor for your spine and joint ailments. Wood floors are soft, making it easier on your legs and feet. Have you ever noticed that your feet get tired faster if you are standing on stone or tile than if you are standing on wood?

8. **Wood is an ideal choice for people with allergies**

Wood does not trap dust or fumes, and will not harbor dust mites or mold. Some researchers believe the dust mite could be responsible for increasing asthma occurrence. Wood floors in your bedroom and other main living areas can improve air quality, according to the American Lung Association.

9. **A Good investment**

Choosing hard wood floors increases the value of your property. It is a great long-term investment and can actually become a strong resale argument, exceeding the initial installation cost of the floors. It also enables a faster sale and brings higher prices at the time of resale.

10. **It's the best choice for the environment**

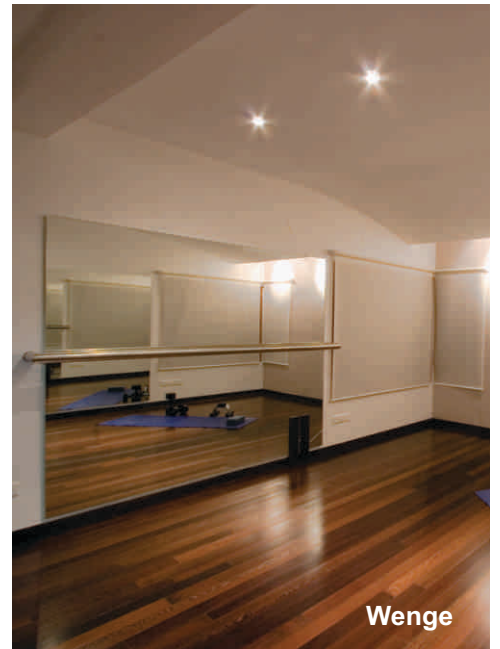
Wood floor manufacturing is much cleaner than the manufacture of other building materials. Steel results in up to 40 times more pollutants than the manufacture of wood: concrete, six times more; and brick: four times more. Wood sends less solid waste to the landfill than manufacturing the same product in either steel or concrete. Finally, wood is more energy-efficient. The cellular structure of wood traps air, giving it superior insulating properties. It takes 15 inches of concrete to equal the insulation qualities of just 1 inch wood.

Wood being a natural material, the grains and color will vary. Please request for sample. Color may vary under different light. Timbers like Teak, Merbau, Padouk and exotic timbers like Jarrah, Bubinga & Jatoba will darken with time.





Cumaru Decking



Wenge



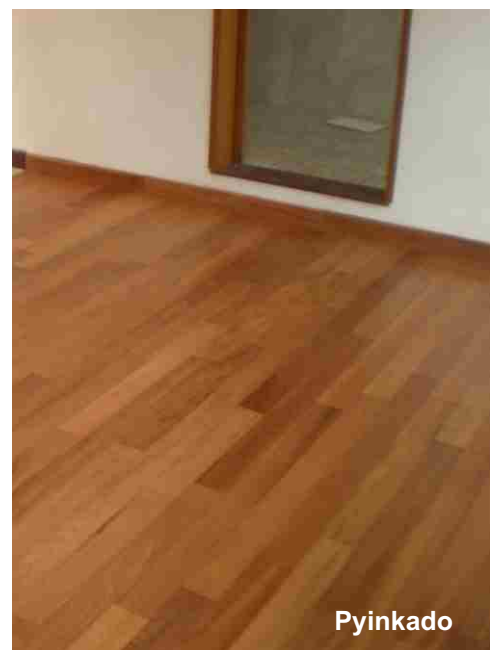
Wenge



Teak



Sapele



Pyinkado

A Tradition of Quality

Wood Weavers India, has completed four decades in this niche industry of wooden floors. Established in 1973, we have steadily grown on the foundation of sound fundamentals and quality service. The timber that we use are scientifically treated meeting international standards at the same time to suit local climatic conditions.

We are members of National Wood Flooring Association, USA (NWFA), a world-wide association for wooden floor professionals to support us in the latest technology and manpower training to give you world-class wooden floors.

Tongue & Groove Flooring

The 'Tongue & Groove' wooden flooring system is the latest in wood flooring technology and is guaranteed to give you the world-class finish. These wooden strips have a profile of 'Tongue', which is anchored to your pre-leveled floor using 'L' cleat nails. These special cleats are driven through using T&G hard wood nailers at a precise angle of 45 degrees with the help of a rubber mallet.

Technology and equipment

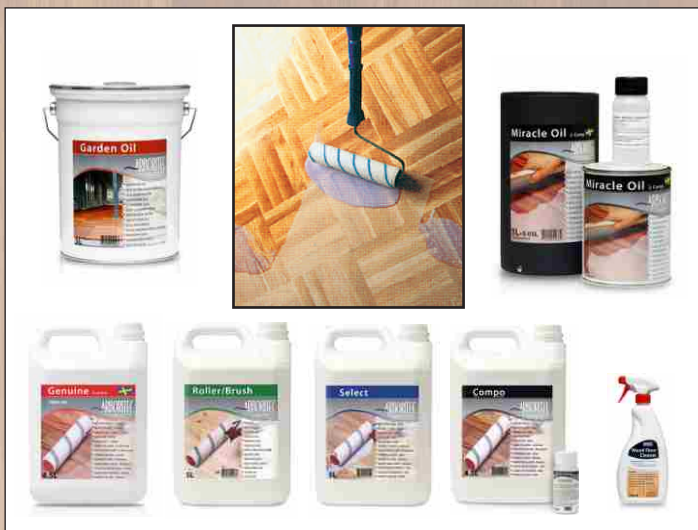
At Wood Weavers we believe in nothing but the best when it comes to technology and equipment. Your floors are bonded with high solid adhesives from Uzin utz, Germany, the best in Europe.

The wooden panels are anchored by 'L' cleats using ratcheting floor nailing equipment from Primatex & Stanley Bostitch, Canada.

The new generation floor sanders that are used are from Eugen Lägler, Germany, Hermann Frank, Germany – all of them are world leaders in sanding technology.

The final finish is achieved by using 100% water borne polyurethanes from Arboritec Sweden - leaders in wood floor finishes. Using these world class products your floor needs minimum maintenance and retains its luster for years to come.

Finishes



WOOD WEAVERS INDIA
Since 1973

Tongue & groove



Hardwood Flooring Nailer



Cobra Sanding Machine



Lägler Flip Edge Sanding Machine



Lägler Trio Intermediate Sander



Lägler Hummel Belt sanding machine





Teak



Teak Parquet



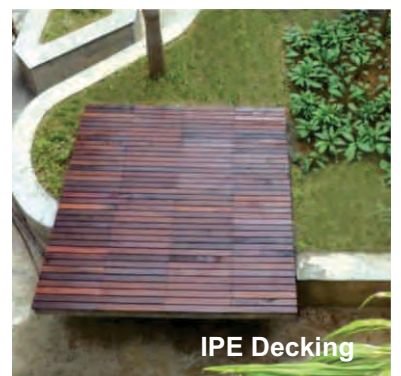
Teak Parquet



Merbau



Sucupira



IPE Decking



"Timber is a natural material, the true beauty of which cannot be captured in a photograph.
Pictures in this brochure are for reference only."



*Wood is a raw material which constantly renews itself.
Its fascination lies in its natural beauty and the fact that it can be used anywhere.*



Wood Weavers India

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