A Product Of

Greenlam®
Industries Limited

Mikasa®
REAL WOOD FLOORS

THE FIRST AND ONLY ENGINEERED WOOD FLOORING BRAND
MADE IN INDIA

Performance Superiority
Engineered Wooden Flooring Over Solid Wood Flooring

CONSTRUCTION

MIKASA ENGINEERED FLOORS ARE MADE OF REAL WOOD.

The flooring consists of a decorative hardwood veneer that is placed on top of the core, for premium quality HDF or Pinewood. Our products are made using the latest technology to overcome any generic wood issues.

CONSTRUCTION

ENGINEERED WOODEN FLOORS VS SOLID WOOD FLOORS

REAL WOOD FLOORS

Engineered Wooden Floors are made using multiple layers of real wood that provide superior stability, strength, and durability. Solid Wood Floors on the other hand are made from a single piece of timber and are more prone to expansion, contraction, and warping due to humidity and temperature changes.

While both offer the beauty and warmth of natural wood, Engineered Wooden Floors are specially designed to perform better in modern living conditions. Unlike Solid Wood Floors that require higher maintenance and greater environmental control, Engineered Wooden Floors offer enhanced stability, long-lasting performance, and consistent aesthetics, making them the smarter and more practical choice for contemporary spaces.

MULTI-LAYER CONSTRUCTION

Engineered Wood Flooring is designed with a 3-layer cross-grain construction.
The top and bottom layers run in the same grain direction, while the middle layer is placed perpendicular to them.

This crisscross arrangement significantly reduces expansion and contraction caused by temperature and humidity changes.

Solid Hardwood Flooring, being a single homogeneous piece of wood, naturally expands and contracts more, often between planks leading to:

- Gaps
- Warping
- Uneven surfaces
- Edge lifting over time

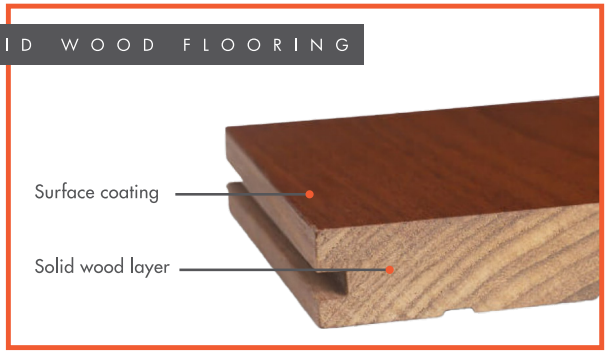
SUSTAINABLE USE OF WOOD

Engineered Wood Flooring uses only a thin layer of premium hardwood on the surface, while the inner layers are made from sustainable and fast-growing species such as pine or spruce.

This:

- Reduces consumption of precious hardwood
- Makes the product lighter
- Minimizes unnecessary dead load on buildings
- Promotes environmentally responsible manufacturing

Solid Hardwood Flooring requires thick sections of precious wood throughout the plank, resulting in higher timber consumption.



PRACTICAL ADVANTAGES ENGINEERED WOOD FLOORING

- Better dimensional stability
- Reduced expansion & contraction
- Sustainable use of hardwood
- Lower dead weight on buildings
- Easy installation & replacement
- Compatible with modern floating systems
- More suitable for varying climates
- Long-term performance reliability

SOLID HARDWOOD FLOORING

- Higher consumption of precious wood
- Greater movement with climate changes
- Heavier construction load
- More prone to gaps & warping
- Complex installation process
- Requires higher maintenance over time

WHY THE WORLD IS SHIFTING TO ENGINEERED WOOD FLOORING

Engineered Wood Flooring combines the beauty of real wood with the advantages of modern engineering.
It delivers:

- Real wood aesthetics
- Superior structural stability
- Sustainable construction
- Better climate performance
- Easier installation and maintenance

This is why globally, Engineered Wood Flooring has become the preferred choice over traditional Solid Hardwood Flooring.

DIMENSIONAL STABILITY

Engineered Wood Flooring is specifically developed to perform better under varying climatic conditions.
The engineered core construction helps:

- Control moisture movement
- Improve structural stability
- Reduce chances of cracking and cupping

Solid Hardwood Flooring is more sensitive to humidity and temperature fluctuations due to its single-piece construction.

ADVANCED LOCKING SYSTEM

Modern Engineered Wood Floors use patented floating click-lock systems that require no glue or nails.
Advantages include:

- Faster installation
- Easy replacement or reinstallation
- Better dimensional stability
- Reduced chances of gaps and dirt accumulation

Traditional Hardwood Floors generally use tongue and groove installation systems that may loosen over time due to natural wood movement.

Mikasa
REAL WOOD FLOORS

Performance Superiority

ENGINEERED WOODEN FLOORING OVER SOLID WOOD FLOORING

Sr. No.	Characteristics	Engineered Wood Flooring	Solid Wood Flooring
1	Construction Type	Multi-layer engineered structure	Single solid wood piece
2	Dimensional Stability	✓High	×Moderate
3	Expansion & Contraction Control	✓Better controlled	×High movement
4	Resistance to Warping	✓Better	×More prone
5	Sustainable Use of Hardwood	✓Yes	×No
6	Dead Weight on Building	✓Lower	×Higher
7	Installation System	✓Floating click-lock	Tongue & groove
8	Ease of Replacement	✓Easy	×Difficult
9	Climate Adaptability	✓Better	×Sensitive
10	Structural Stability	✓High	×Lower
11	Long-Term Performance	✓Reliable	Moderate
12	Eco-Friendly Construction	✓Yes	×Higher hardwood usage
13	Modern Manufacturing Technology	✓Advanced engineered system	Traditional construction
14	Maintenance Requirements	✓Lower	×Higher
15	Real Wood Surface	✓Yes	✓Yes

www.mikasafloors.com

Scan to visualize your room with
Mikasa Room Visualizer

Call: 1800-833-0004
SMS <MIKASA> to 53030

Write to us at
info@mikasafloors.com

A Product Of

Greenlam
Industries Limited

Greenlam Industries Limited, 2nd Floor, West Wing, Worldmark 1,
IGI Airport Hospitality District, Aerocity, New Delhi, India – 110037
Tel.: +91 11 4279 1399 I Toll Free no: **1800-833-0004**

GET IT ON Google Play | Available on the App Store