



**Mikasa**<sup>TM</sup>  
REAL WOOD FLOORS



*Performance Superiority*  
**Engineered Wooden Flooring Over Laminate Flooring**

## Performance Superiority Engineered Wooden Flooring Over Laminate Flooring

Sr. No.	Characteristics	 (Manufactured By Greenlam)	Laminate Flooring	Explanation
1	Product construction	Natural real wood	Artificial and synthetic	
2	Top surface	Solid wood	Paper known as decorative/design paper	
3	Water resistance		✗	Both type of floors are made of wood fibers that makes them non-water/moisture resistant. But the Laminate Flooring is comparatively more prone to damage by water.
	Moisture resistance	✗	✗	
4	Heat resistance	✓	✓	Both are heat resistant products.
5	Refinishing of surface	✓	✗	
6	Easy maintenance of floor	✓	✓	Day to day maintenance is easy for both products.
7	Cupping/cracking at the edges	✗	✓	
8	VOC (Formaldehyde) emission	Below 0.1 ppm based on European norm E1 standard	High	HDF uses more glue than Engineered Flooring. Formaldehyde is carcinogen.
9	Room temp. neutrality			Not the same results like Engineered Flooring Refer back to marketing presentation.
10	Tender/comfort under foot (soft feel)	✓	✗	Engineered Flooring uses softwood that reduces the impact on our feet as compared to Laminate Flooring.
11	Long product life			
12	Repairing of scratches on floor surface	✓	✗	
13	FSC certification	✓	✗	Maximum laminate companies do not follow FSC & PEFC certifications because HDF is not FSC and PEFC certified.
14	PEFC certification	✓	✗	
15	Sound absorption	✓	✗	Laminate Flooring creates higher knocking sound than Engineered Flooring.
16	Environmental friendliness	✓	✗	HDF requires a large amount of forest timber in comparison to Engineered Flooring. This makes them less environment friendly when compared to Real Wood Flooring.
17	Resale value	✓	✗	
18	Abrasion resistance	> 20,000 revolutions	Max. 6500	
19	Chemical resistance	Class 5	Class 5	Both are chemical resistant.
20	Recyclable content	100%	100%	
21	Made in India	✓	✗	

# 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 LAMINATE FLOORS



### REAL WOOD FLOORS

Engineered Wooden Floors are made up of nothing but real wood that brings your home alive and provides a visually appealing look. Laminate Floors on the other hand are just 'printed pictures' of wood patterns and structures on chemically hardened paper. It shows the aspects of 'real wood' but fails to match any of its characteristics. Unlike Engineered Wooden Floors where each plank exhibits a unique design, the synthetic Laminate Floors appear to produce the same pattern repeatedly.



### MULTILAYER CONSTRUCTION

Engineered Wooden Floors have a robust 3-layer structure which makes it more stable and fit to use. The different layers being arranged at cross grain to each other, impart stability to the floor. However, Laminate Floors by virtue of their construction face the issue of cupping at the edges.



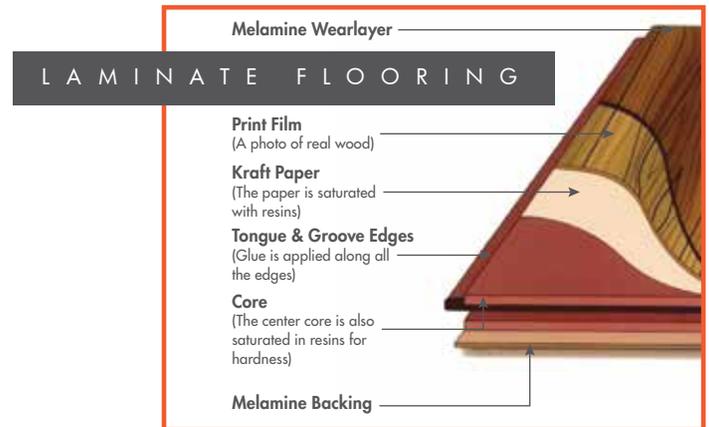
### INDOOR AIR QUALITY

Engineered Wooden Floors are environment friendly. All the lacquers and stains used for them are water based, making these floors practically VOC free and healthy to live around. On the other hand, Laminated Floors are usually made with a resin composed of Melamine and Formaldehyde. Formaldehyde emissions cause environmental and health related concerns.



### TEMPERATURE NEUTRAL

Engineered Wooden Floors are made of real wood, which is temperature neutral. This allows it to be used in most extreme cold climates where an imitation like Laminate Floors will not give the same result.



Source: <https://www.banecelene.com/professionals/Content.aspx?xps=NDk4>



### TENDER UNDER FOOT

The soft feel of the modern floating Engineered Wooden Floors makes the floor especially good for an ageing population and even young children. The Laminated Floors have a coarse texture because of their synthetic construction.



### LONG LIFE

Mikasa Real Wood Floors are durable and come with a warranty of up to 30 years. They require minimal maintenance and need to be resanded and polished after about 10-12 years of usage. Laminate Floors on the other hand have a shorter life and are easily prone to scratches with regular usage.