



## ATMOS 10mm

### TECHNICAL SPECIFICATIONS



#### AREAS OF APPLICATION AND SPECIAL CHARACTERISTICS

MIKASATM ATMOS-10mm is designed predominantly for Domestic applications. This floor combines an attractive appearance with simple installation and a low installation height.

- Real wood surface.
- Dimensionally stable due to climate-controlled production processes and the balance between the upper and lower layers.
- One of the hardest floors in the MIKASA™ range, due to the HDF middle layer.
- Adds only 10 mm to the floor height thus saving the hassle of removing an existing floor while installing the product.
- Easy to install due to precision manufacturing and the Patented, Unique and Proven glueless mechanism system PlankLOC™.
- Cannot be re-sanded.

MIKASA™ ATMOS-10mm is installed "floating". This means the planks are laid loose on the subfloor and locked together by MIKASA™ glue free joint, PlankLOC™. Allow for wastage of approx. 2% when installed lengthwise with the room, and approx. 8–10% when installed diagonally. If the floor is wider than 12 m, it must be divided with an expansion gap. An underlay that reduces impact sound must be laid under the planks. For example, use MIKASA™ VAPROTECT or a moisture barrier and an underlay as an intermediate layer.

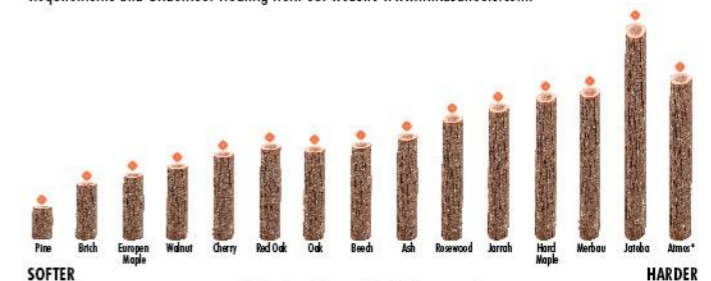
#### TECHNICAL INFORMATION

Thickness (mm)	10
Veneer thickness (mm)	Upto 0.6
Plank Dimensions (mm)	Width: 120 Length: 1200
Configuration	1 Strip
Wood Species	Oak, Walnut, Maple Ash and other exotic species
Planks/Sq.Mtrs/Weight Per Pack	Qty (per pack) : 08 Planks Sq. Mtrs / Packs : 1.15 m <sup>2</sup> Weight / pack(Kg) : 9.85
Joint	PlankLoc™, Glueless
Core Material	High Density Fiber Board
Finish	Brushed, Matt and Satin
Warranty*	10 Years in a residential environment. Check for Warranty in commercial applications.

#### PRODUCT CHARACTERISTICS

Construction	Boards are constructed in 3 layers in order to minimize expansion and contraction within the floorboard. The direction of the fibers within each layer is oriented at right angles to the adjacent layer.
Design	1-strip plank, with / without bevelled edge, MIKASA PlankLoc™ glue free joint on all edges. Surface layer consists of sliced or rotary cut strips of hardwood and a backing of pine / spruce veneer.
Top Layer	The top layer is made of hardwood and is up to 0.6 mm in thickness. This does not allow any resanding and refinishing. The surface is pre-finished with several layers of UV hardened acrylic lacquer free from formaldehyde and solvents.
Surface finish	The surface is pre finished with several layers of UV hardened acrylic lacquer free from formaldehyde and solvents.
Moisture content	Average moisture content at delivery is approximately 7-9%.
Insects	The board are delivered free of insects, woodworms etc. This is secured by the process temperatures.
Formaldehyde Emission	The boards comply more than adequately with the stringent EU E1 norms for formaldehyde emissions.
Fire classifications	Wooden floors fulfill the requirements for class G, the highest fire classification for floors as per Swedish Building Code, BBR 94.
Reduction of sound weighted index "footfall" to the room below. NF EN ISO 140-8/ Acc to NF EN ISO 717-2, ΔLw in dB with 3 mm foam	17db
Installation	Floating / Glue down
Chemical and Stains	Resists most household stains up to 24 hours
Color Change	Wood is a natural product and changes color with time when exposed to light
Underfloor heating compatibility	Suitable for room temperature (max temperature 27°C), waterborne system or self-regulating electrical system.
Subfloor Requirement	The subfloor must be dry, clean, level and solid. The requirements in HusAMA98, Table 43.DC/-1 and MDB.3 apply. Also note our subfloor requirements. You can download more details on Subfloor Requirements and Underfloor Heating from our website <a href="http://www.mikasafloors.com">www.mikasafloors.com</a> .

MIKASA™ - ATMOS 10mm has a high-quality wood veneer surface layer, and is prefinished with the same durable lacquer as our other wood floors. When there is slight horizontal loading on MIKASA™ ATMOS-10mm, the natural hardness of the wood species determines whether there will be indentation marks. With heavier loads, it depends on the Brinell hardness of the core, which gives a relatively high value.



\*The hardness of Atmos is defined by the core material.



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