



TECHNICAL SPECIFICATION – ATMOS 10MM



AREAS OF APPLICATION AND SPECIAL CHARACTERISTICS

MIKASA™ 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 balance between the upper and lower layers.
- One of the hardest floors in the MIKASA™ range due to the HDF middle layer.
- Adds only 10mm 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 **PlankLOC™**, our unique and glueless joint mechanism.
- Cannot be re-sanded.

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

PRODUCT SPECIFICATION

	STANDARD	
Product Type	EN 13489	Wood Veneer flooring
Thickness	EN 13489	10mm
Plank Dimensions	EN 13489	Width: 120mm Length: 1200mm
Configuration		Single Strip
Veneer Thickness		Up to 0.6mm
Wood Species		Oak
Planks/ Sq. Mtrs/ Weight Per Pack		Qty(per pack): 08 Planks Sq. Mtrs/ Packs: 1.15 m ² Weight/ pack (kg): 9.85
Joint		PlankLoc [™] , Glueless
Core Material		High Density Fiber Board
Finish		Brushed , Matt and Satin
Warranty		10 Years

PRODUCT CHARACTERISTICS

Product Construction		Three layer
Top Layer		
Thickness	EN 13489	0.6mm
Thickness Tolerance	EN 13489	0.3 +/- mm
Wood Type		Sliced veneer
Wood Grading		Premium, Classic and Rustic
Core/ Middle Layer		
Thickness	EN 13489	9mm
Thickness Tolerance	EN 13489	0.1 +/- mm
Wood Species		HDF
Density	EN323/EN 672	850 kg/m ³
Wood Type		Panel
Bottom Layer		
Thickness	EN 13489	0.5mm
Thickness Tolerance	EN 13489	0.2 +/- mm
Wood Species		Pine
Density	EN323/EN 672	400-500 kg/m ³
Wood Type		Sliced veneer
Lamination		
Glue Type		Urea Formaldehyde
UF Emission	EN 717-1	E1 (<0.1% ppm)
Glue Brand		Casco/Akzo Nobel, Sweden
Bonding Strength	ANSI	PASS
Moisture Content	EN 322	7-9%
Lacquer Type		UV Acrylic Lacquer
Lacquer Brand		Klump, Germany
Cross Hatch & Removal	EN ISO 2409	0 - 1
Gloss 60°	ASTM D523	Matt - 10% , Satin - 30%
Stain Resistance	EN 438 - 2.26	5
Abrasion Resistance	ASTM D4060 S33	IP - > 1,500
Scratch Resistance	EN438 - 2.25	Rating 2
Pencil Hardness	ASTM 3363	SH - H, 6H- 5H
Impact Resistance	EN438 - 2.20	5N
Hamberger Plane	TC_01	15 N
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.
Installation		Floating/ Glue
Chemical and Stains		Resists most household stains up to 24 hours
Colour Change		Wood is a natural product and changes colour with timewhen exposed to light
Reduction of sound weighted index "footfall" to the room below. NF EN ISO 140-8/ Acc to NF EN ISO 717-2, Lw in d B with 3mm foam		17 d B
Fire Classification		Wooden floors fulfill the requirements for class G, the highest fire classification for floors as per Swedish Building Code, BBR 94.
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 www.mikasaflors.com