

Merbau

EXOTIC RANGE



Sample with no contract engagement.

DESIGN PARQUET

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Previous data sheet are invalid. Errors or technical informations can be changes without notice.
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DATA SHEET - MERBAU

CHARACTERISTICS

Species (origin) : Merbau (Asia, *Flegt licence*).

Description : Red with many color variation, from grey-brown to dark garnet. The veining may show white streaks.

Support : Solid or Loft Pro : engineered wood flooring on birch plywood base.

Density : 830 kg/m³.

Finishing : Raw, Satin varnish, Natura oil or Satin ROC varnish.

Assembly : Tongue and groove (T+G), Lamparquet (size 10 x 60).

Particularity : Wood is a natural material that evolves over time. Under the effect of sunlight, the color of your floor will age, a process that stabilizes after a few months of exposure.

SUPPORT	SIZE (MM)	LENGTH (MM)	TOP LAYER	BEVELS	THERMAL RESISTANCE K/W
SOLID	10 x 60 (lamparquet)	300	-	NO	0,04 m ²
	14 x 90	300-1200	-	NO or 4	0,07 m ²
	14 x 135/140	400-1800	-	4	0,07 m ²
	20 x 130/140	400-2200	-	NO or 4	0,10 m ²
LOFT PRO	12 x 130/140	600-1800	3,5 mm	2	0,06 m ²

TYPE OF INSTALLATION

- Floating according to DTU 51-11 (Loft Pro only).
- Glued according to NF DTU 51-2.
- Nailed according to DTU 51-1 (minimum thickness 20 mm).

COMPATIBILITIES

Compatible on low temperature hydraulic underfloor heating and cooling (according size) :

COMPATIBILITIES			GLUED LAYING		FLOATING LAYING	
SUPPORT	THICKNESS (MM)	WIDTH (MM)	HEATING UNDERFLOOR	HEATING/COOLING UNDERFLOOR	HEATING UNDERFLOOR	HEATING/COOLING UNDERFLOOR
SOLID	10	60	YES	YES	-	-
	14	90/135/140	YES	YES	-	-
	20	130/140	YES	NO	-	-
LOFT PRO	12	130/140	YES	YES	YES	NO

It is imperative to start the heating 4 weeks before the beginning of the laying. Heater off 48 hours before laying. Wait for 1 week and restart the heating gradually over 15-20 days. It is traditionally recommended a thermal resistance less than or equal to 0.09 m².K/W. For higher thermal resistances, a certain loss of capacity must therefore be considered. It is imperative to respect the laying rules and the manufacturer's recommendations for use, as well as the governing regulations :

- NF DTU 35.14 – Execution of hot water floors.
- The CSTB 3164 booklet – Reversible floors.

Suitable with ISO dB and Iso alu (Cf data sheet).

FLOOR MAINTENANCE

After installation, it is imperative to apply the following products to the parquet floor, depending on its Design Parquet finish :

FINISHING	DAILY CLEANING	REGULAR MAINTENANCE AND AFTER INSTALLATION	
VARNISH	CLEANER	RENOVATOR MATT	
NATURA OIL	NATURAL SOAP	MAINTENANCE OIL	

- Remember to put protective pads under the legs of chairs and furniture.
- Carry out regular maintenance with a vacuum cleaner, broom, woollen cloth.
- Never wash your floor with large amounts of water.
- Do not use aggressive, abrasive, silicone or ammonia detergents.
- For persistent stains, remove with a damp sponge and neutral detergent.

INFORMATIONS

- Air humidity at the time of laying and throughout the life of the product must be between 45% and 65%.
- Fire classification :
 - Dfl-s1 (Loft pro)
 - Cfl-s1 (solid)
- Hardness rank : D.
- Merbau Monnin hardness : 8,8.

VOC EMISSIONS



*Information on the level of volatile compounds emission in inside air, that present a toxicity risk by inhalation, on a scale from A+ (very low emissions) to C (high emissions).

RANKING USE

The classification of parquet flooring is based on the class of use. The UPEC* classification does not apply to parquet flooring insofar as it can be renovated, but an equivalence can be made :

SUPPORT	THICKNESS (MM)	RANK	UPEC EQUIVALENCE
SOLID	10 (lamparquet)		U _{3s} P ₃ E ₁ C ₀
	14		U _{3s} P ₃ E ₁ C ₀
	20		U _{3s} P ₃ E ₁ C ₀
LOFT PRO	12		U _{3s} P ₃ E ₁ C ₀

* Wear, punching, water, chemistry.