

# 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.  
Updated in : January 2026.

# 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 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 m²
	14 x 90	300-1200	-	NO or 4	0,07 m²
	14 x 135/140 <sup>(1)</sup>	400-1800	-	4	0,07 m²
	20 x 130/140 <sup>(1)</sup>	400-2200	-	NO or 4	0,10 m²
LOFT PRO	12 x 130/140 <sup>(1)</sup>	600-1800	3,5 mm	2	0,06 m²

(1) According to wood supply

## 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 :

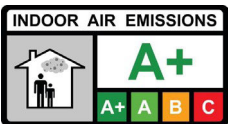
FINISHING	DAILY CLEANING	REGULAR MAINTENANCE AND AFTER INSTALLATION	
VARNISH	CLEANER	<div> <div>L+</div> <div>RENOVATOR MATT</div> <div>R+</div> </div>	
NATURA OIL	NATURAL SOAP	<div> <div>S+</div> <div>MAINTENANCE OIL</div> <div>N+</div> </div>	

- 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 40% and 60%.
- 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)		U3s P3 E1 C0
	14		U3s P3 E1 C0
	20		U3s P3 E1 C0
LOFT PRO	12		U3s P3 E1 C0

\* Wear, punching, water, chemistry.