

Castel

PANELS RANGE



Sample with no contract engagement.

DESIGN PARQUET

654 rue du Chalonge, P.A. du Haut-Montigné / 35370 Torcé / FRANCE
Tél. +33 (0)2 99 49 66 66 / Fax +33 (0)2 99 49 66 67
E-mail France : commercial@designparquet.fr
E-mail Export : export@designparquet.fr

www.designparquet.com

Previous data sheet are invalid. Errors or technical informations can be changes without notice.
Updated in : January 2026.

DATA SHEET - CASTEL PANELS

CHARACTERISTICS

Species (origin) : Oak (Europe).

Grade : PR-BIS=PRIME-BIS - RU=RUSTIC - CA=CAMPAGNE

Grade PR-BIS : Knots up to 15 mm, sapwoodless, slight colour variations and possible discoloration.

Mixed grade RU/CA : Parquet floor with knots (filled or partially opened) with unlimited and various sizes. Sapwood and color variations allowed.

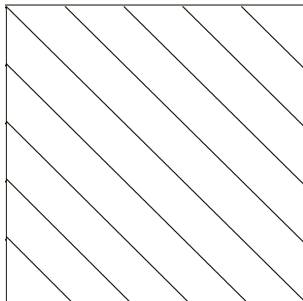
Support : Loft pro : engineered wood flooring on birch plywood base.

Density : 650 kg/m³.

Finishing : Raw (Varnished or Oiled on request).

Assembly : Tongue and groove (T+G).

Possible appearance : Natural (Brushed, Heavy brushed, Distressed or Sawn marks on request).



SUPPORT	THICKNESS (MM)	SIZE (MM)	TOP LAYER	BEVELS	THERMAL RESISTANCE K/W
LOFT PRO	15	500 x 500 ⁽¹⁾	4,0 mm	4 ⁽³⁾	0,09 m ²
	15	600 x 600 ⁽²⁾	4,0 mm	4 ⁽³⁾	0,09 m ²

(1) Width of the strips : 70 mm.

(2) Width of the strips : 90 mm.

(3) Bevels around and inside.

TYPES OF INSTALLATION

- Glued according to NF DTU 51-2.

COMPATIBILITIES

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

COMPATIBILITIES			GLUED LAYING	
SUPPORT	THICKNESS (MM)	SIDE (MM)	HEATING UNDERFLOOR	HEATING/COOLING UNDERFLOOR
LOFT PRO	15	500/600	YES	YES

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

(If Design Parquet finish requested)

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

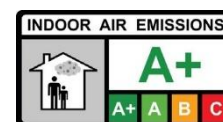
FINISHING	DAILY CLEANING	REGULAR MAINTENANCE AND AFTER INSTALLATION	
VARNISH	CLEANER	RENOVATOR MATT	
NATURA OIL	NATURAL SOAP	MAINTENANCE OIL	
COLOURLESS OIL	NATURAL SOAP	MAINTENANCE OIL	

- 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 40% and 60%.
- Fire classification :
 - Dfl-s1 (Loft pro)
- Hardness rank : C.
- Oak Monnin hardness : 4,2.

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
LOFT PRO	15		U ₃ P ₃ E ₁ C ₀

* Wear, punching, water, chemistry.