

# Castel

PANELS 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 : August 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 slight discoloration.

Mixed grade RU/CA : Limitless filled and partially open knots in size and number. Sapwood, colour variation, discoloration, cracks and splits in end's strips are allowed.

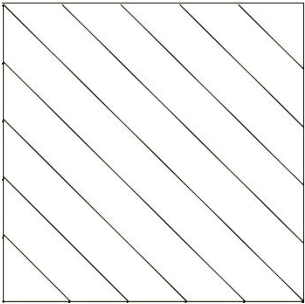
**Support :** Loft pro : engineered wood flooring on birch plywood base.

**Density :** 650 kg/m<sup>3</sup>.

**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 <sup>(1)</sup> | 4,0 mm    | 4 <sup>(3)</sup> | 0,09 m <sup>2</sup>    |
|          | 15             | 600 x 600 <sup>(2)</sup> | 4,0 mm    | 4 <sup>(3)</sup> | 0,09 m <sup>2</sup>    |

(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 m<sup>2</sup>.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 <sub>3</sub> P <sub>3</sub> E <sub>1</sub> C <sub>0</sub> |

*\* Wear, punching, water, chemistry.*