

# Charlottenburg

MOUNTAINS RANGE



Black veins



Butterfly inserts



Knots



*Sample with no contract engagement.*

## DESIGN PARQUET

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

# DATA SHEET - CHARLOTTENBURG

## CHARACTERISTICS

**Species (origin) :** Oak (Europe).

**Grade :** RU=RUSTIC - CA=CAMPAGNE

**Mixed grade RU/CA :** Knots with unlimited and various sizes with wormhole limited. Pierced and crossed knots. Discolouration allowed. Cracks are limited to 50 mm in end's strip. Healthy sapwood is tolerated limitless.

**Support :** Loft : wood slatted support.

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

**Finishing :** Natura Oil.

**Mass processing :** Smocked.

**Material effects :** Nail points, butterfly inserts, black veins, heavy brushed.

**Assembly :** Tongue and groove (T+G).

**Specificity :** Thanks to the smoking process, each floorboard develops distinct color variations, from warm, intense tones to darker, mysterious hues. These living, evolving colors will continue to change subtly over time.

SUPPORT	SIZE (MM)	LENGTH (MM)	TOP LAYER	BEVELS	THERMAL RESISTANCE K/W
LOFT	14 x 290 <sup>(1)</sup>	2130 <sup>(2)</sup>	3,2 mm	4	0,09 m <sup>2</sup>

(1) An aesthetic effect is achieved with different parquet strip widths, according to the following 4-width diagram: 1 strip of 290 mm + 1 double strip of 190+100 mm + 1 double strip of 100 + 190 mm + 1 double strip of 145+145 mm.

(2) 32% of the surface area in strips shorter than the dimension indicated.

## 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
LOFT	14	290	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 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).

## TYPES OF INSTALLATION

- Floating according to DTU 51-11.
- Glued according to NF DTU 51-2.

## OILED FLOOR MAINTENANCE

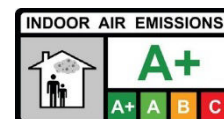
After installation and for maintenance, use the maintenance oil **(N+)** apply pure with a microfiber broom in a thin wiped layer. The frequency is to be determined according to the traffic. For regular maintenance, use the maintenance soap **(S+)** for oiled parquet floors from Design Parquet.

- 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 (according to NFEN 14342)
- 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	14		U <sub>3</sub> P <sub>3</sub> E <sub>1</sub> C <sub>0</sub>

\* Wear, punching, water, chemistry.