

Iris

DESIGN DECO RANGE



Knots



Heavy
brushed



Band saw
marks light



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 - IRIS

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 colour variations allowed.

RU : No sapwood. Knots up to 25 mm for ≤ 119 mm width planks, and up to 40 mm for wider planks (≥ 120 mm), no limit on the knots amount. Colour variations and discoloration allowed.

CA : Limitless filled and partially open knots in size and number. Limited wormholes. Pierced and crossed knots allowed. Colour variations, discolourations, cracks and splits allowed. Limited splits in end's strips. Sapwood allowed.

. Cracks are limited to 50 mm in end's strip. Healthy sapwood is tolerated limitless.

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

Density : 650 kg/m³. **Assembly :** Tongue and groove (T+G).

Finishing : Heavy brushed, Natura oil, Band saw marks light.

Specificity : The IRIS finish activates the tannins of the oak, resulting in stronger color variations between the strips, but these will become more uniform over time.

SUPPORT	PATTERN	SIZE (MM)	LENGTH (MM)	TOP LAYER	BEVELS	THERMAL RESISTANCE K/W
SOLID	RANDOM LENGTHS STRIPS	14 x 130	400-1500	-	4	0,09 m ²
	CHEVRON 45°	14 x 90	600	-	4	0,09 m ²
	HERRINGBONE	14 x 90	500	-	4	0,09 m ²
LOFT PRO	RANDOM LENGTHS STRIPS	12 x 145/180	1000-2000*	3,2 mm	2	0,08 m ²
		15 x 220	1000-2000*	4,0 mm	2	0,09 m ²
		15 x 180	1000-2000*	4,5 mm	2	0,09 m ²
		20 x 180	1000-2000*	4,5 mm	2	0,13 m ²
		XXL 20 x 295	1000-2400*	4,0 mm**	2	0,13 m ²
	CHEVRON 45°	12 x 90	600	3,2 mm	4	0,08 m ²
		12 x 120	800	3,2 mm	4	0,08 m ²
	HERRINGBONE	12 x 90	500	3,2 mm	4	0,08 m ²

* 20% lengths < to 1000 mm.

** Top layer of 4,5 mm instead of 4,0 mm (or ROC varnish finish) on request, to achieve the higher ranking use.

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	14	90/130	YES	YES	-	-
LOFT PRO	12	90/120/145/180	YES	YES	YES	NO
	15	180/220	YES	YES	YES	NO
	20	180/295	YES	NO	NO	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).

TYPES OF INSTALLATION

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

OILED FLOOR MAINTENANCE

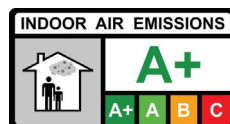
After installation and for maintenance, use the maintenance oil (N+) apply pure with a microfiber broom in a thin wiped layer. The frequency is to be determined according to the traffic. For regular maintenance, use the maintenance soap (S+) for oiled parquet floors from Design Parquet.

- 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 (Loft pro)
 - Cfl-s1 (Solid)
- 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
SOLID	14		U _{3s} P ₃ E ₁ C ₀
LOFT PRO	12 (3,2 mm)		U ₃ P ₃ E ₁ C ₀
	15 / 20 (4,0 mm)		U ₃ P ₃ E ₁ C ₀
	15 / 20 (4,5 mm)		U _{3s} P ₃ E ₁ C ₀

* Wear, punching, water, chemistry.