

Miel

HIGH TRAFFIC RANGE

Matt ROC varnish
High wear resistance
Enhanced ranking use
Grade PR/RU or RU/CA

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 - MIEL

CHARACTERISTICS

Species (origin) : Oak (Europe).

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

Mixed grade PR/RU : Small 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 discolouration allowed. Filled or partially opened knots.

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

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

Density : 650 kg/m³.

Finishing : Matt ROC varnish.

Specificity : The ROC Varnish, a high-performance finish developed by Design Parquet, provides increased resistance to wear. Perfectly suited for heavy traffic (restaurants, shopping malls, etc.), it allows to enhance for one level of ranking use. For example, a parquet classified as 33 according to the NF B 53-669 standard will move to class 34 with the ROC Varnish.

Assembly : Tongue and groove (T+G).

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 m²
	CHEVRON 45°	14 x 90	600	-	4	0,09 m²
	HERRINGBONE	14 x 90	500	-	4	0,09 m²
LOFT PRO	RANDOM LENGTHS STRIPS	12 x 145/180	1000-2000*	3,2 mm	2	0,08 m²
		15 x 220	1000-2000*	4,0 mm	2	0,09 m²
		15 x 180	1000-2000*	4,5 mm	2	0,09 m²
		20 x 180	1000-2000*	4,5 mm	2	0,13 m²
		XXL 20 x 295	1000-3000*	4,0 mm	2	0,13 m²
	CHEVRON 45°	12 x 90	600	3,2 mm	4	0,08 m²
		12 x 120	800	3,2 mm	4	0,08 m²
	HERRINGBONE	12 x 90	500	3,2 mm	4	0,08 m²

* 20% lengths < to 1000 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	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).

FLOOR MAINTENANCE

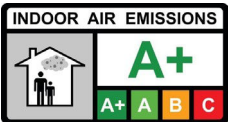
After laying, apply two coats of **R+** **Renovator matt** on new parquet (metallising), and repeat the operation once or twice a year or more if necessary. It is applied undiluted with a microfiber mop (follow the instructions for use). For difficult stains or to remove old coats of Metalliser, consider the Overactivated Cleaner. Routine maintenance should be carried out with **L+** **cleaner**.

- 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
WITH ROC VARNISH			
SOLID	14		U3s P3 E1 C0
LOFT PRO	12 (3,2 mm)		U3s P3 E1 C0
	15 / 20 (4,0 mm)		U3s P3 E1 C0
	15 / 20 (4,5 mm)		U3s P3 E1 C0

* Wear, punching, water, chemistry.