

ADVISE AND LAYING INSTRUCTIONS

ENGLISH

Solid and engineered wood flooring

The manufacturing of parquet is possible thanks to technical and human resources. Quality controls are carried, however we do advise that the parquet is checked before laying. It is imperative to do a mock installation on the first few strips across the room, this will insure that the parquet is conform. If the parquet does not live up to your expectations do NOT lay it. Once laying starts, we therefore consider that you have accepted the product.

**PARQUET LAID
= PARQUET ACCEPTED**

A GENERAL LAYING CONDITIONS

■ BEFORE LAYING A PARQUET

You must check the following points:

▶ THE SUPPORT

It must be:

- **FLAT:** Flatness of 2 mm under a rule of 2 m
- **DRY:** Surface humidity < 3% checked with a certified device
- **RIGID**
- **ADHERENT:** for a glue parquet laying

• The control of the surface

The control of the surface must be realized with a carbide bomb (this test, in most cases is done by the screed layer)

• A barrier against moisture.

Polyane plastic film against rising dampness is compulsory for a floating laying, so as to avoid recuperation on the surface.

GLUED LAYING: we recommend to use the ISO ALU dB, a guarantee for a surface with a dampness rate between 3% and 10%.

• Clean support

The surface must be flat, dry, rigid and clean

• The slab is porous

- If the slab is porous, apply a Primary P100.

• Except

- For low temperature underfloor heating: the moisture must be < 2%
- For anhydre screed: the moisture must be < 0.5 %.

▶ THE STORAGE

• THE ROOM: The parquet must be stored in a dry and heated room.

Moreover, the room must be heated, the temperature should be 15°C minimum. The ambient air humidity is between 40 % and 60% (see the attached table of the hygroscopic curves of the wood)

• PARQUET:

- laying an unfinished parquet and leave it to climatize on site 7 days before laying (stacked and package opened).
- for a finished parquet (varnished or oiled), packs must be opened at the time of installation.

▶ PREPARATION OF PARQUET

During startup, open several packages so as to lay harmoniously all the strips of parquet.



■ DURING THE INSTALLATION OF THE PARQUET

You must respect the following rules :

- Around the room, the expansion space should be minimum of 8 mm for a floating laying and between 5 and 8mm for the glued installation.
- If the room is wider than 8 meter, you will need a fractionate joint of 15 mm minimal. The wide strips parquet 110/130 mm and 140/180 x22 mm require larger expansion space. The same principle for the widths of pieces > 5 meters, it is advised to lay using wedges of 0.3 mm every 2 or 3 strips to allow an easier expansion of the floor. Do not tighten the strips too much.

■ WHEN THE INSTALLATION IS CONCLUDED

You must respect the following rules :

- Unfinished parquet : To wait 3 or 4 days minimum for the climatization of the wood. Then do the sanding and the selected finish
- Varnished parquet: after 48 hours, you can use the room. We guarantee all our floors if the maintenance recommendations are respected. (see the chapter maintenance or your dealer). If you lay the parquet without respecting the recommendations mentioned, we can not guarantee the parquet anymore.

■ PARQUET LIFE'S CONDITION

- During all the parquet life, from laying to the end, you must contain a minimal temperature about 15°C, et ambient humidity between 40% et 60%. Thoses elements will give your parquet a long life.

B UNDERFLOOR HEATING :

► LOW TEMPERATURE FLOOR HEATING

Parquet from 10 to 20mm of thickness are compatible on underfloor heating. More the parquet is thick and more its heat resistance is high. It will be necessary to beware of the size of the heating system and eventually to forecast a loss of capacity.

► REFRESHING HEATING UNDERFLOOR

Traditionally, it's advocate to use a heat resistance equal or lower to 0,09 m².K/W. Our solid wood flooring 10mm/14mm and semi solid wood flooring 12mm are also compatible with refreshing underfloor and our glue's.

For greater thicknesses, it's important to consider a loss

of capacity. It's compulsory to respect the rules of maintenance recommended and to follow the requirement: NF DTU 35.14 - Fulfillment of hot water floors and book CSBT 364- Reversible floors.

C FLOATING LAYING FOR ENGINEERED PARQUET

The installation must be performed as per the DTU 51-11 for floating laying.

Strips are assembled together by gluing in Tongue & Groove

on their sides and ends, or by the clic system. The glue is set down on the bottom of the groove.

D FULL GLUED INSTALLATION

You must respect the following rules :

► THE GLUING .

NNavycol PS, around 1.2 kg/m². The gluing is possible on concrete, concrete slab, conglomerate, old rigid parquet, adherent paving and plywood. The laying must be done with a notched trowel 4x4 mm for the full glued installation.

Other supports: you must contact the manufacture of the support.

Caution: Do not put glue on the strips or in the tongue and groove

PS Eco glue is convenient for the solid oak flooring up to 14x130mm and engineered up to 190 mm of width.

E LAYING OF NAILED SOLID PARQUET OF 20/23 MM AND MORE

The general rules for the laying are applied to the nailed laying for solid and engineered floor parquet. The floor parquet must be of a minimal thickness of 20 mm. The space between joists must be of 40 cm between centers. Over this space, you have to add, a joint between each center. The nailed laying must be done as per DTU 51-1.

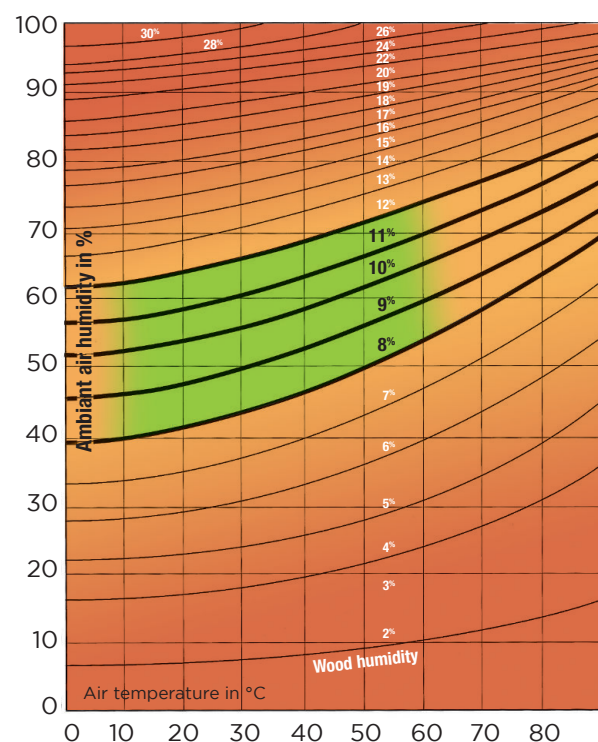
2 METHODS OF INSTALLATION:

- 1 - Traditional installation nailed on joists sealed. It is performed directly on the cement slab and requires to wedge joists so as to get a flatness of the whole structure. Then, nail the strips of parquet on joists.
- 2 - Nailed laying on floating joists. We recommend this laying as it provides better phonic and thermal results compared to the traditional nailed laying.

PRINCIPLE:

- Prepare a screed to get a flat support, insert wire and pipes in the concrete
- Lay a polyane on the floor
- Lay a fiber panel of 5,5 mm or 9,5 mm (panels must be laid diagonally and spaced of 1 cm)
- Lay joist (without fixing) on the panel of fiber spaced of 40 cm

Finally, nail the parquet on joist so as to get a flexible parquet (this technical system is used in sports room).



REMINDER: IT IS COMPULSORY TO FOLLOW THE REQUIREMENTS OF THE RELATED DTU (FRENCH CONSTRUCTION NORM) AND TO REFER TO THE REGULATION OF YOUR COUNTRY.