

Advise and laying instructions

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 lay 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 contractor).

• A barrier against moisture.

A barrier against rising dampness is compulsory (see DTU), so as to avoid recuperation on the surface. If there is any doubt, you must use an insulation.

GLUE LAYING: we recommend to use the ISO ALU TB, a guarantee for a surface with a dampness rate < 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 between 15°C and 25°C. The ambient air humidity is between 45 % and 65% (control with a device) and see 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 of 1.5 mm per lm of width with a minimal of 10 mm
- 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 :

- **Unfinish 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 recommandations mentioned, we can not guarantee any more the parquet.

B LOW TEMPERATURE HYDRAULIC FLOOR HEATING:

Parquet from 10 to 16 mm of thickness are compatible with hydraulic underfloor heating. It's necessary to start the heating 4 weeks before laying. 48 hours before laying, the heating must be turned off. After laying, the heating must be set up slowly and progressively. Rules of laying are similar to the

full gluing. For a best result, the gluing in full is strongly advise.

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

☑ 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.

The glue is set down on the top of the groove.

☑ FULL GLUING PARQUET

You must respect the following rules :

► THE GLUING .

Navycol PS, around 1.2 kg/m². The gluing is possible on concrete, concrete slab, conglomerate, old rigid parquet, adherent paving and plywood.

Other supports: you must consult the manufacture of the support. The installation is done with a trowel with notch for a full laying.

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

☑ LAYING OF NAILED SOLID PARQUET OF 20/22 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, between each center a joint. The nailed laying must be done as per DTU 51-1.

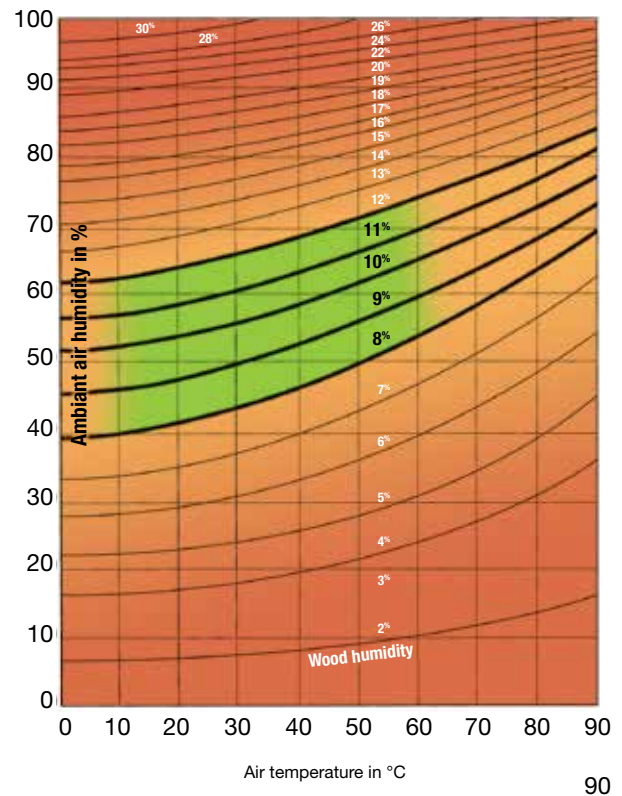
2 METHODS OF INSTALLATION:

- 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.**