



# Installation instructions for Cheville Plank floating method

## **Before Installation**

It is imperative that the area to be installed is dry, warm and ventilated. Plaster & mortar should be thoroughly cured before the flooring is delivered. If under-floor heating is not installed, the wood should be acclimatised within the property for 48 hours prior to installation. The wood should be stacked flat within the cartons, away from an exterior wall. The temperature should be between 17-24°C and the humidity between 40-60% RH.

## **Concrete sub-floors**

The flooring can only be installed over a sub-floor that is flat . (2 mm over 2 metres in any direction) and dry (2% moisture content throughout the thickness of the floor) If there is any doubt, the floor should be levelled with a screed compound .

## **Wood sub-floors**

The flooring can only be installed over a sub-floor that is flat . (2 mm over 2 metres in any direction) and dry (10% moisture content) If there is any doubt the floor must be over-boarded with plywood sheet .

In both cases a good quality underlay should be laid over the sub-floor.

When installing at ground floor level or onto a concrete or solid sub-floor, cover the floor with a PVC damp screen or use an underlay that incorporates a moisture retardant layer. Seal the joints and perimeters with foil tape. Check the walls for straightness with a laser or chalk line and mark the line on the face of the underlay with felt pen. Unwrap one pack at a time, and lay groove side against the wall.

## **Before Using the floor**

Allow at least 12 hours for the adhesive to harden before using the floor and 24 hours before placing heavy furniture on the floor. Take out the spacers and then either install the skirting boards.

If working up to existing skirting, fix moulding to cover the expansion gap. It is important to nail into the perimeters and not into the flooring. When fixing thresholds, ensure that these are not fitted tightly up against the new flooring as this can cause it to buckle.

Please look after the floor by following the instructions in the care leaflet that was supplied with the Cheville Parquet Flooring.

If the sub-floor incorporates under floor heating, please ask for our relevant installation sheet.

**Please see next page for step-by-step installation instructions and diagrams.**

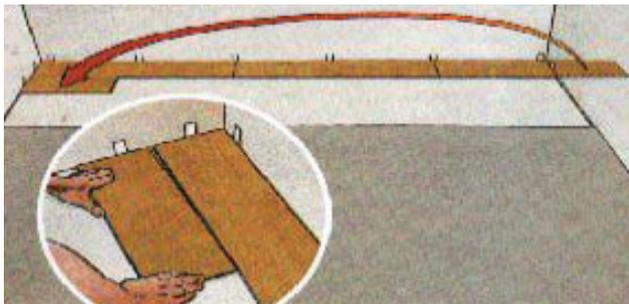
# Step-by-step installation instructions



Lay groove side to the wall, using spacers to maintain a 10 mm expansion gap between the boards and the wall. Do not apply any adhesive at this stage.



If the wall runs out, lay the boards straight to the chalk or laser line a few cms from the wall and scribe a straight line with a pencil. Cut down the board to line up with the wall, but insert spacers.



Use the cut offs from the last board to start the next row unless it is under 20mm length in which case cut a new board in half. Check again that the floor still runs parallel to the chalk or laser line mark. Maintain the 10 mm expansion gap at the ends of the boards.



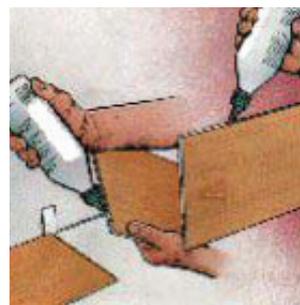
The last board of a run can be tapped into place with a pulling iron and a hammer or mallet.



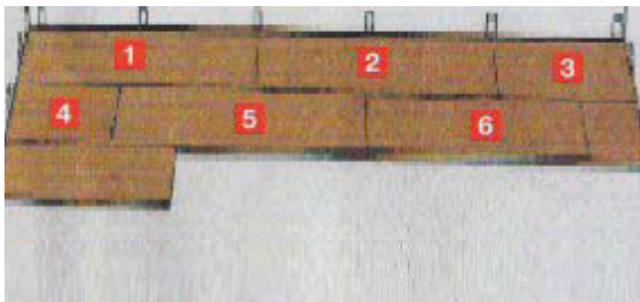
Use a nylon or beech tapping block to lightly knock in the second row of boards. It is important to always hit the tongue and not the edges of the boards



The correct order to lay the boards is shown above 1-6. Now dismantle and re-assemble the boards in the same sequence, this time gluing the boards together.



Apply good quality D3 rated PVA adhesive. To the upper lip of the grooves. Glue end joints and edges.



The correct sequence to glue the boards is shown above 1-6. Ensure that the fit is tight and that the boards are held firmly in place with the wedges. The first 2 rows of boards are critical to the whole installation, so it is imperative that the boards are correctly glued and straight.



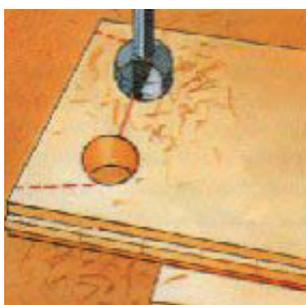
The last row of planks will need to be sawn lengthwise. Lay the last plank directly over the last but one board. Then using an off-cut board scribe a cutting line down the board.



Apply glue to the groove and the pull the board into place with the pulling iron. Ensure that the board is held tightly by inserting spacers.



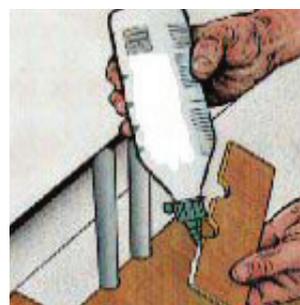
Cut through architraves and door casings with an under cut saw using an off-cut board as a guide. The floor can then be slid under making a neat finish.



Bore out holes 10mm larger than the pipes - e.g. a 35mm flat bit when fitting up to radiators. This will allow the flooring to expand or contract uninhibited around the pipes.



Cut through the holes as neatly as possible. It may help to first cut through the surface of the board with a stanley knife.



Glue the boards down around the pipe. Also apply PVA adhesive to the edges of the board and hold in place with masking tape for at least 12 hours.

