

FP Bois Inc.

Installation Guideline

LAYING INSTRUCTIONS

If the following instructions leave any unanswered questions or if additional information is required, please send an email at usa@fpbois.com. You must read and understand these instructions completely before beginning installation. Responsibility for the suitability of Bordeaux Pine accompanying products for each individual installation cannot be assumed by FP Bois, since FP Bois has no control over the installer's proper application. Should an individual plank be doubtful as to appearance or dimension the installer should not use this piece. FP Bois will send replacement in a timely fashion. Natural products (i.e. wood) will vary in shade or pattern definition and are subject to the normal behavior of minor expansion during periods of high humidity and minor contraction during periods of low humidity (usually the heating season). Expansion and contraction can be kept to unnoticeable levels by stabilizing the building through temperature and humidity control, allowing for proper acclimatization of the product prior to installation, and providing the recommended expansion space mentioned below.

INSTALLATION ON CONCRETE SUBSTRATE: Glue down installation over concrete substrates is not recommended for Bordeaux Pine solid floors. A plywood substrate must be installed over a concrete subfloor in accordance with the National Wood Flooring Association Guidelines.

INSTALLATION ON UNDERLAYMENT-GRADE PLYWOOD AND MAN-MADE BOARD SUBSTRATES: Subfloor must be clean and level. Fill any low spots with appropriate filler and sand any high spots. Tolerance of level must be within 1/8" in 10'. Subfloor must not exceed 14% moisture content (electrical resistance method). Check basements and under floor crawl spaces to be sure they are dry and well ventilated to avoid damage to planks caused by moisture. For buildings with crawl spaces, 6 mil polyethylene sheeting should be used as ground cover over the earth. **SUBFLOOR MUST BE WITHIN A MAXIMUM OF 4% OF THE MOISTURE CONTENT OF THE FLOORING TO INSURE A SUCCESSFUL INSTALLATION.**

IN-FLOOR RADIANT HEATING SYSTEM: Bordeaux Pine solid floors are not suitable for installation over radiant heated floors.

SOLID FLOOR MUST BE ACCLIMATED:

Store flooring out of the box at job site for a **minimum of 72 hours**. During storage and installation, maintain temperature and relative humidity to a level consistent to the conditions that will prevail when building is occupied. Heating or air conditioning should be used for an appropriate length of time prior and during installation. With improper acclimation, the floor could noticeably expand or contract after installation. **Ideal conditions are 68 degrees temperature and 50-60% humidity.**



GENERAL INSTALLATION INSTRUCTIONS

NOTE: NAIL DOWN PLANK FLOORING MUST HAVE AN APPROVED SUBFLOOR OVER THE CONCRETE. PLANK CANNOT BE SHOT TO THE CONCRETE. 3/4" PLANK CANNOT BE DIRECT GLUED TO CONCRETE. PLANKS CANNOT BE GLUED AND NAILED DIRECTLY TO CONCRETE

BEFORE YOU START: Choose the longest wall that will be parallel to the plank floor. Snap a working line parallel to the starting wall allowing 3/4" expansion space between the starting wall and the edge of the first plank run. A 3/4" expansion space must be left around the perimeter and at all vertical obstructions. Shuffle planks for best visual mix. **Mix planks from various cartons to maintain color and pattern variation.**

FIRST ROW: Planks are laid out in the same manner as strip flooring. Lay first row of planks along the entire length of the working line. Top and blind nail the first row (hand nail if necessary), using appropriate fasteners. Use rubber mallet and a tapping block to insert tongue inside the groove of the preceding board.

NEXT ROWS: Each receding row should be blind nailed with a nailing machine wherever possible. Add each additional row of flooring, watching the pattern repeat and offsetting or staggering the end joints at least 6 inches. Racking rule of thumb: Stagger end joint a minimum of 6" between pieces on adjacent rows. Avoid "H" joints.
Use 2" inch long, 16 gage nails.

LAST ROWS: At the finishing wall and other obstructions, it may be necessary to blind nail by hand until top nailing is required. Usually the last row will require all planks be cut lengthwise. Measure each plank at several places along the length to ensure a proper fit. Remember to allow a 3/4" expansion space along the wall side. Use floor pull bar and mallet to insert the long side of planks. The short edge can be joined using a rubber mallet and the tapping block.

FINISH: Remove all spacer blocks. Fix the skirting board, over the extended polyethylene sheeting. Never attach skirting board to the floor itself, but allow space for the floor to expand and contract beneath the skirting board. In order to fill in the expansion gap around pipes and any other areas not covered by trim, use a flexible caulk.

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