



Olde Savannah Flooring, Inc. T.M.
735 Park North Blvd. Ste 106
Clarkston, GA 30021
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July 1, 2007

OLDE SAVANNAH FLOORING INSTALLATION INSTRUCTIONS

Solid Flooring

Jobsite Conditions:

The building must be completely enclosed and acclimated to normal occupied conditions at least three days prior to the delivery of flooring.

All wet work such as masonry, drywall, tile grouting, and primer coats of paint should be complete prior to delivery of solid wood flooring.

Subfloors:

1. Subfloors over joists:

Subfloor must be $\frac{3}{4}$ " CDX plywood sub-floor/underlayment or $\frac{3}{4}$ " OSB subfloor/underlayment over joists spaced no greater than 19.2" on center.

Plank subfloors are not recommended. Install $\frac{1}{4}$ " or greater CDX plywood over plank subfloors prior to installation of flooring. This plywood topping must be glued and screwed every 12" with at least 32 screws per sheet of plywood.

Check subfloor for stability and to ensure that it is free of squeaks.

Subfloor shall be clean and free of paint.

Subfloor shall be flat within $\frac{1}{4}$ " over ten feet.

2. Subfloors fastened to concrete:

Concrete must be flat within $\frac{1}{4}$ " over 10 feet.

Concrete must be structurally sound, clean, and free of paint.

Light weight concrete is not acceptable and a floated subfloor method should be used.

Test concrete with a quality moisture meter or polyfilm test. When using either method, one test should be conducted every 200 square feet. If any of these tests indicate the presence of moisture then a calcium chloride test should be performed.

When performing calcium chloride tests, use one test per 1000 square feet with a minimum of two tests. Test kits are available through most flooring distributors or they can be obtained from Olde Savannah Flooring. Moisture under three pounds allows installation of sub-floor. Moisture between 3 and 8 pounds requires installation of Bostic MVP (moisture vapor protection). Moisture greater than 8 pounds does not allow installation to proceed.

Approved subfloor material is CDX plywood, not tongue & grooved. For $\frac{3}{4}$ " flooring, use a minimum of $\frac{3}{4}$ " plywood. For $\frac{5}{8}$ " flooring, use a minimum of $\frac{5}{8}$ " plywood. For $\frac{1}{2}$ " flooring, use a minimum of $\frac{1}{2}$ " plywood.



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Install plywood subfloor by full spread Olde Savannah Flooring adhesive using a ¼” by ¼” square notched trowel. Install plywood in a staggered joint pattern leaving between ¼” and 3/8” expansion joints between sheets. Leave between ¾” and 1 ½” spacing along all walls.

Fasten plywood by either of the following methods: power driven pins, pneumatic driven nails, screws, deformed pins, hand nails, or other fasteners suitable for concrete.

Fasteners should be 2 to 4 inches from edge and every 8” for a minimum of 72 fasteners per sheet of plywood.

After adhesive has dried, check subfloor for any protruding fasteners and flatten all high edges of plywood with a sander.

3. Subfloors floated:

Verify moisture in concrete slab is within tolerances as listed above.

It is not necessary to remove paint from slab unless installing Bostic MVP.

Install 6 mil plastic vapor barrier over concrete and tape all seams. Ensure plastic is up two inches on all walls.

Subfloor system can be either two sheets of ¾”, two sheets of 5/8” or two sheets of ½” CDX plywood.

Install first layer of plywood in a staggered pattern leaving ¼” between sheets and ¾” at walls for expansion.

Install second layer perpendicular to the first layer offset and staggered so that no seams between the first and second layer line up. Leave ¼” expansion joints between sheets and ¾” expansion joints at walls. Use a high quality subfloor adhesive between the sheets and screw them together 2” to 4” from edges and every 8” apart with a minimum of 72 screws per sheet.

Note: This system can be used for sound reduction. Please contact Olde Savannah Flooring for information on products and methods to accomplish this.

4. Glue down subfloor:

Verify moisture in concrete slab is within tolerance using the same method listed above in the subfloors fastened to concrete section.

Subfloor must be structurally sound, clean, and free of paint.

Light weight concrete is not acceptable for this method and the floating system should be used.

Buff concrete with 80 grit screens, vacuum, and clean with lacquer thinner.

Cut ¾” CDX plywood into 4’ by 4’ sections and score the back 3/8” deep in a 12” by 12” grid.

Apply Olde Savannah Flooring adhesive on to concrete using a ¼” by ¼” trowel. Lay plywood into adhesive staggering all joints. Note: It may be necessary to weigh down some of the plywood until adhesive sets up.

Leave ¼” expansion joint between all sheets of plywood and ¾” at walls.



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Olde Savannah flooring can be installed over radiant heat. However, plank flooring should always be installed over plywood and not over sleepers. Olde Savannah technical department can provide additional information on request.

Solid Plank Flooring Installation

Olde Savannah solid plank flooring is designed and milled to be installed using a combination of full spread Olde Savannah adhesive and nailing or stapling. Olde Savannah Flooring adhesive is the only acceptable adhesive to be used in the installation of Olde Savannah floors. The following methods should be use for a successful installation:

Inspect all flooring for correct type, damage, and quantity.

There should be no more than 4% moisture content difference between the subfloor and the wood flooring.

Verify that the subfloor is flat within ¼” over 10 feet and is clean and free of paint or solvents.

Find the starting point for installation and snap a start line. Keep in mind that walls are generally not straight and great attention to detail needs to be used to determine starting points.

Expansion joints of ½” must be left at all walls. Larger rooms may require ¾” and in some extreme cases spacers may be used between boards as extra expansion joints.

Install flooring by applying Olde Savannah adhesive using a ¼” x ¼” square notched trowel.

When installing Olde Savannah Flooring, it is desirable to use as few top nails as possible. Blind nail or staple flooring using the following nailing schedule: Nail between 1” and 2” from both ends of every board and in minimum intervals of 8” between the ends. Check nailing pressure to ensure tongs are not broken.

Stagger all boards at least 8 inches apart. Take time to look at the flooring as it is being installed to avoid repeating patterns in boards and H joints.

All boards that are cut should be hand beveled or dragged and colored to match other flooring boards using bleed kit supplied flooring.

Clean all adhesive off the finished flooring with mineral spirits making sure not to rub too aggressively which could damage the finish and/or remove the color from the flooring.

Save a small bag of fine wood dust for putty during final coat.

Please note: Olde Savannah flooring is manufactured to be installed as a “Southern Random” pattern unless specified otherwise. “California Random” pattern can be supplied on a special order basis. “California Random” must be specified prior to placing the order and manufacturing of the flooring.



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Southern Random: This method is a true random sequence. The Southern Random floor is shipped with similar square footages of each width. The most successful method of installation is to separate the flooring into piles of each width. When installing, work the piles down at the same rate to ensure that the installer does not run out of any width nearing the end of installation.

California Random: This method is not actually random. This type of sequence is installed in a repeating pattern requiring the same linear footage of each width. This type of random pattern needs to be specified at the time of order and prior to the start of manufacturing

Solid Parquet Flooring Installation Instructions:

Olde Savannah Flooring manufactures many types of parquet patterned flooring in stock and custom patterns. Listed below are the general techniques recommended for all patterns. Please contact technical services for information about specific patterns.

Follow installation guidelines for solid flooring.

We recommend the field be installed first. The field is defined as the main area of the floor that is surrounded by borders of any type.

Determine the center of the room and snap chalk lines at 90 degrees to help determine the start point.

Depending on the type of parquet, generally start with the center of the panel in the center of the room and install outwards in both directions.

We always recommend dry laying the parquet to ensure layout is correct prior to permanent installation.

Cleaning and Hand Rubbing the Final Coat of Finish.

Inspect entire floor to make sure that it is clean and free of adhesive, paint and dust.

Inspect the floors completely to ensure that all nail holes are filled and the edges bled correctly. Putty can be made by mixing together fine wood dust, color and finishing oil.

Buff floor lightly with 000 steel wool. Hand buff all corners, treads and all areas that a buffer will not reach.

Vacuum floor completely. Tack floor with a clean rag lightly coated with mineral spirits.

Apply a light coat of Olde Savannah Premium Wood Finish by hand using a clean rag.

The approximate spread rate is 800 – 1,000 square feet per gallon. Apply the finish with the grain similar to staining a floor. A second person should follow the person applying the finish by approximately 5 to 6 feet hand rubbing with a clean rag soaked in finishing oil and squeezed damp to even out the final finish oil coat.

Dispose of oily rags and steel wool safely. Oily or stained rags and steel wool can catch fire if not disposed of properly.



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Engineered Flooring

Jobsite Conditions:

The building must be completely enclosed and acclimated to normal occupied conditions at least three days prior to the delivery of flooring.

All wet work such as masonry, drywall, tile grouting, and primer coats of paint should be complete prior to delivery of engineered wood flooring.

Olde Savannah engineered flooring can be installed above grade, on grade or below grade. This product is designed to be either glued direct to concrete or glued and nailed to a plywood subfloor. It is not designed to be nailed only. Olde Savannah Flooring adhesive is the only acceptable adhesive to be used in the installation of Olde Savannah floors.

Installation over Concrete:

Inspect flooring material for correct type, quantity and damage.

Inspect and test concrete subfloor to ensure it is sound and meets moisture requirements of less than three pounds when using a calcium chloride test.

Tests with results between 3 and 8 pounds require the application of Bostic MVP prior to installation of flooring. Test greater than 8 pounds reveal a condition that does not allow installation of flooring.

Ensure the concrete is flat within 1/8" over 10 feet.

Clean concrete completely. Ensure there is no paint, oil, glue, or any other contaminants present.

Buff concrete with an 80 grit screen, then vacuum and wipe thoroughly with lacquer thinner.

Find the starting point for installation and snap a start line. Keep in mind that walls are generally not straight and great attention to detail needs to be used to determine starting points.

Expansion joints of 1/2" must be left at all walls.

Install flooring by applying Olde Savannah adhesive using a 1/4" x 1/4" square notched trowel.

When installing direct to concrete it may be helpful to use blue painters tape to hold the flooring together while adhesive is wet. This will help keep the floor tight and cracks to a minimum. Remove blue tape within 8 hours.

Stagger all boards at least eight inches apart. Take time to look at the flooring as it is being installed to avoid repeating patterns in boards and H joints. Look for any cracks, ups and downs, boards that are not flat to the concrete and repair immediately.

All boards that are cut should be hand beveled or dragged, and colored to match other flooring boards using bleed kit supplied with the flooring.



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Clean all adhesive off the finished flooring with mineral spirits making sure not to rub too aggressively which could damage the finish and/or remove the color from the flooring.

Save a small bag of fine wood dust for putty during the final coat.

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Southern Random: This method is a true random sequence. The Southern Random floor is shipped with similar square footages of each width. The most successful method of installation is to separate the flooring into piles of each width. When installing, work the piles down at the same rate to ensure that the installer does not run out of any width nearing the end of installation.

California Random: This method is not actually random. This type of sequence is installed in a repeating pattern requiring the same linear footage of each width. This type of random pattern needs to be specified at the time of order and prior to the start of manufacturing

Engineered Parquet Flooring Installation Instructions:

Olde Savannah Flooring manufactures many types of parquet patterned flooring in stock and custom patterns. Listed below are the general techniques recommended for all patterns. Please contact technical services for information about specific patterns.

Follow installation guidelines for engineered flooring.

We recommend the field be installed first. The field is defined as the main area of the floor that is surrounded by borders of any type.

Determine the center of the room and snap chalk lines that at 90 degrees to help determine the start point.

Depending on the type of parquet, generally start with the center of the panel in the center of the room and install outwards in both directions.

We always recommend dry laying the parquet to ensure layout is correct prior to permanent installation.

Cleaning and Hand Rubbing the Final Coat of Finish.

Inspect entire floor to make sure that it is clean and free of adhesive, paint and dust.

Inspect the floors completely to ensure that all nail holes are filled and the edges bled correctly. Putty can be made by mixing together fine wood dust, color and finishing oil.



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Buff floor lightly with 000 steel wool. Hand buff all corners, treads and all areas that a buffer will not reach.

Vacuum floor completely. Tack floor with a clean rag lightly coated with mineral spirits. Apply a light coat of Olde Savannah Premium Wood Finish by hand using a clean rag. The approximate spread rate is 800 – 1,000 square feet per gallon. Apply the finish with the grain similar to staining a floor. A second person should follow the person applying the finish by approximately 5 to 6 feet hand rubbing with a clean rag soaked in finishing oil and squeezed damp to even out the final finish oil coat.

Dispose of oily rags and steel wool safely. Oily or stained rags and steel wool can catch fire if not disposed of properly.