

Naturally Aged Flooring

Installation Instructions

Subfloor Preparation

All substrates must be clean, dry, structurally sound, properly cured and free of dirt, oil, paint, old adhesive, wax, sealers and curing agents. General scouring with 20 grit or #3 1/2 paper will remove most compounds. All loose materials must be vacuumed from the surface after scouring. The subfloor must be flat to a tolerance of 3/16" in a 10' radius. Hollow spots, popping spots and squeaks are related to unevenness in the subfloor. Grinding concrete floors is preferred over the use of filling compounds.* If some filling/leveling compounds are used, they must be Portland Cement based and have a compressive strength equal to or greater than 3000 psi when cured. Use of Naturally Aged Adhesive over light weight concrete and all gypsum based materials requires the use of a concrete primer. We recommend using Titebond Concrete Primer or equivalent prior to application of adhesive. For further information on [Titebond Concrete Primer](#), contact Franklin Technical Service at 1-800-347-4583.

Remove all existing base, shoe molding and door thresholds prior to continuing the installation. All door casings must be undercut with either a jamb saw or a hand saw. Use a piece of the flooring as a guide to determine the thickness needed.

Subfloor Moisture Check

Naturally Aged Adhesive may be used for above-, on- and below-grade applications and on all common substrates. All applications are susceptible to moisture and should be tested for moisture prior to installation in several locations within the installation area.

Acceptable conditions for above-, on- and below-grade applications are:

- Less than 3 lbs./1000 sq.ft./24 hours on a Calcium Chloride Test
- Less than a reading of 4.5 on a Tramex Concrete Moisture Encounter
- Wood substrates must have a moisture reading of less than 13% when using a Tramex or Delmhorst or equivalent moisture meter

Gluing Plywood Over Concrete

Use 3/4" exterior-grade plywood, cut into 4' x 4' sections. Score plywood backside 3/8" deep every 8"-10" in order to relieve tension in plywood (There should be 4-6 cuts in all 4' x 4' sheets). Use a 1/4" x 1/4" square-notched trowel to apply adhesive to concrete. Set 4' x 4' sheets into wet adhesive. Add weight as

necessary to ensure adhesive remains in contact with plywood as it cures. Allow adhesive to cure overnight before proceeding with flooring installation

Floor Type - Parquet and Engineered	Trowel Size	Coverage
Installation Recommendations		
• All parquets measuring less than 3/4" thick	1/8" x 1/8" x 1/8" Square-notch	Approx. 65 sq.ft./gallon
• All engineered flooring	3/16" x 1/4" x 1/2" c-c V-notch	Approx. 50 sq.ft./gallon

Floor Type - Solid	Trowel Size	Coverage
• Solid flooring with a width of 3" or less and measuring 1/2" or less in thickness	3/16" x 1/4" x 1/2" c-c V-notch	Approx. 50 sq.ft./gallon
• Solid flooring with a width greater than 3" and measuring 1/2" or less in thickness & bamboo	3/16" x 3/16" x 3/16" Square-notch	Approx. 35 sq.ft./gallon

CLEAN TROWEL OFTEN TO PREVENT ADHESIVE BUILD-UP.

Installation of Wood Flooring

Naturally Aged Adhesive can be installed using the "wet lay" or "flashed" methods, depending on your preference and the environment of your installation. The following definitions will help you decide which method is best for you.

- **Wet Lay Method** In the "wet lay" method you do not flash the adhesive; you begin laying the wood flooring immediately after troweling the adhesive. Once the adhesive has been troweled, the wood flooring may be installed immediately into the wet adhesive. To reduce slippage, secure the first two starter rows with finishing nails or sprig nails. Remaining planks must be placed firmly into adhesive. Planks which are not flat should be weighted for several hours. In the wet lay method, you should not work on top of the wood.

- **Flashed Method** The "flashed" ** method is when the adhesive is allowed to flash for the recommended amount of time prior to installing the wood flooring. While using this method, you are advised to trowel out larger sections of the room so that you spend most of your time laying wood rather than flashing adhesive. Be careful not to exceed Naturally Aged Adhesive open time of 90 minutes and do not trowel more adhesive than you can comfortably cover with the flooring in two hours.

Re-sealing and Re-opening Partial Pail

Scrape sides of pail (this will aid in removal of adhesive later). Place plastic trash bag over unused adhesive, working out any air pockets.

Replace lid on pail and tightly seal. Upon re-opening pail, remove trash bag. Material should be ready for use.

- **Cleanup**

As the pre-finished flooring is being installed, immediately wipe any wet adhesive from the flooring, tools and equipment with mineral spirits. Do not allow adhesive to cure on surface of the flooring, tools or equipment. Follow solvent manufacturer's directions when working with solvents. Cured adhesive will be difficult to remove.

* CAUTION: Do not sand, scour or abrade any material that is suspected of containing asbestos fibers. Asbestos is known to cause cancer. Federal law requires that asbestos be handled by a licensed and certified hazardous materials contractor.

* * The recommended flash time for Naturally Aged Urethane Wood Flooring Adhesive is 30 minutes, depending upon subfloor moisture and humidity.