

811 ADVANTAGE

Urethane Wood Flooring Adhesive

- **Enhanced Green Grab**
- **Versatile Installation Method Options**
- **Mold and Mildew Resistant**
- **Specifically Designed for Use with Titebond® Moisture Control Systems**
- **Can be Used for Sports Flooring Installation**

FEATURES AND BENEFITS

- Non-sump formula to reduce hollow spots
- Contains no water in formulation, 95% solids
- VOC-compliant
- Highly moisture-resistant
- Will not cause dimensional changes in wood flooring
- FloorScore® certified by SCS
- Unaffected by freezing temperatures

ORDERING INFORMATION

- 3.5 Gallon Plastic Pail / 1 Unit Per Package
43.93 lbs. / 36 Packages Per Pallet
Product Code: 2779
- 20 oz. Sausage Pack / 20 Units Per Package
40.00 lbs. / 44 Packages Per Pallet
Product Code: 27742
- 4 - 0.75 Gal. Pouches / 3.5 Gal. Pail
1 Unit Per Package
40.11 lbs. / 36 Packages Per Pallet
Product Code: 2774
- Sausage Cartridge Gun / 6 Units Per Package
3.0 lbs. / 30 Packages Per Pallet
Product Code: 17844

Titebond® 811 Advantage Urethane Wood Flooring Adhesive is ideal for installing a wide range of wood flooring, including parquet, engineered, solid plank, and sports flooring, as well as cork underlayment. This moisture-resistant adhesive offers superior strength development and an exceptional final bond.

Specifically formulated for use with Titebond 531 + Moisture Control System, Titebond 811 Advantage provides installers with the flexibility of “wet lay” or “flash” installation methods. Its enhanced initial grab, excellent strength development, and compatibility with Titebond Moisture Control Systems give installers a significant advantage over traditional urethane wood flooring adhesives.

**LONG
OPEN TIME**

**EXCELLENT
STRENGTH
DEVELOPMENT**

**TROWELS
EASILY**



Titebond®
THE PRO'S ADVANTAGE

PHYSICAL PROPERTIES

- **Type:** Urethane
- **Color:** Brown
- **Solids:** 95%
- **Flashpoint:** >200°F (Pensky-Martens Closed Cup)
- **Freeze/Thaw stability:** Not affected by freezing
- **Storage life:** 1 year in tightly closed container
- **Calculated VOC:** < 20 g/L
- **Weight/gallon:** 12.4 lbs.
- **Viscosity:** 100,000 cps

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 #31/2 open-coat sandpaper 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. Grinding concrete floors is preferred over the use of filling compounds. If filling/flattening compounds are used, they must be Portland cement based and have a compressive strength equal to or greater than 3000 psi when cured. Moisture level in concrete subfloor will fluctuate. Any cementitious material used must be rated for the highest moisture content possible. Consult the cementitious material manufacturer's application directions. Use of product over light weight concrete and all gypsum based materials requires the use of a concrete primer prior to application of adhesive.

INSTALLATION

Titebond 811 Advantage can be installed using the "wet lay" or "flushed" methods, depending on your preference and the environment of your installation. In the "wet lay" method, you do not flash 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 starter row with Titebond Tape. 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. The "flushed" 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 811 Advantage's open time of 90 minutes and do not trowel more adhesive than you can comfortably cover with the flooring in 90 minutes.

* The recommended flash time for Titebond 811 Advantage is 30 minutes, depending upon subfloor moisture and humidity.

Titebond 811 Advantage may be used for above-, on- and below-grade applications and on all substrates listed in this specification guide. All applications are susceptible to moisture and should be tested for moisture prior to installation in several locations within the installation area. Acceptable conditions of concrete for above-, on- and below-grade applications are:

- Less than 3 lbs. /1000 sq.ft./24 hours on a Calcium Chloride Test (ASTM F1869)
- Less than a reading of 4.5 on a TrameX Concrete Moisture Encounter
- Relative humidity (RH) of 75% or less when tested with an in situ probe (ASTM F2170)

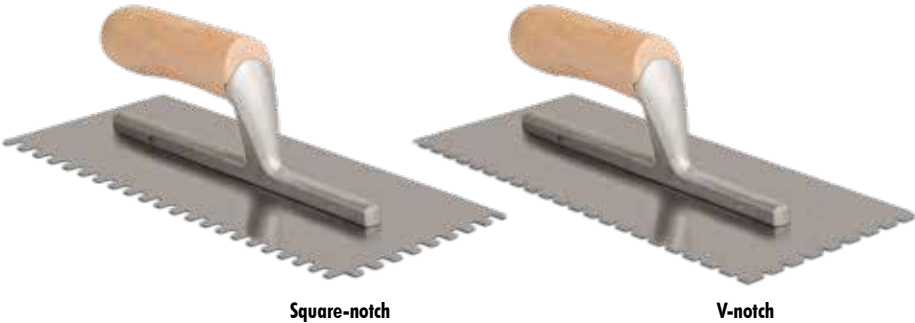
Acceptable conditions of wood substrates are a moisture reading of less than 12% or be no more than 4% different from the flooring being installed when using a TrameX, Delmhorst or equivalent wood moisture meter. If subfloor moisture conditions do not meet above guidelines at the time of flooring installation, or they could exceed them at any time after installation, then a Titebond moisture control system should be used.

APPLICATION GUIDELINES

TYPE OF FLOORING/FLOORING THICKNESS	TROWEL SIZE	COVERAGE
All parquets measuring less than 3/4" in thickness	1/8" x 1/8" x 1/8" (Square-notch)	65 sq. ft. per gallon
Engineered plank flooring up to 5/8"	3/16" x 1/4" x 1/2" c-c (or 5/16" space) V-notch	50 sq. ft. per gallon
Engineered plank flooring >5/8" to 3/4"	1/4" x 1/4" (Square-notch)	20 sq. ft. per gallon
Solid flooring and bamboo with a width less than 3" & measuring 5/8" or less in thickness	3/16" x 1/4" x 1/2" c-c (or 5/16" space) V-notch	50 sq. ft. per gallon
Solid flooring and bamboo with a width greater than 3" & measuring 5/8" or less in thickness, & 3/4" shorts	3/16" x 3/16" x 3/16" (Square-notch)	35 sq. ft. per gallon
Cork underlayment	1/16" x 1/16" x 1/16" (Square-notch)	125 to 185 sq. ft. per gallon

Type of Flooring/Flooring Thickness: All parquets measuring less than 3/4" thick / All engineered flooring / Solid wood flooring measuring 5/8" or less in thickness / Bamboo flooring / 3/4" solid shorts (less than 24") / 5/8" plywood (2' x 8' or 4' x 4')

Jobsite/Subfloor: New, old or existing concrete, properly treated light weight concrete / Below-grade concrete / Plywood / OSB (oriented strand board) / Radiant heated slabs / Clean and unwaxed vinyl/cork



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. For specific cleaning instructions, call Franklin Technical Service at 1.800.347.4583.



DANGER. Harmful if inhaled. Causes skin and eye irritation. May cause allergic skin reaction. May cause allergy or asthma symptoms, or breathing difficulties if inhaled. May cause respiratory irritation. May cause damage to organs (lungs) through prolonged or repeated exposure if inhaled. Wear protective gloves, and eye or face protection. In case of inadequate ventilation wear respiratory protection. Use only outdoors or in a well-ventilated area. Do not breathe vapor. Wash hands thoroughly after handling.

FIRST AID: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF EXPERIENCING RESPIRATORY SYMPTOMS: Call a POISON CENTER or physician. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. IF SKIN IRRITATION OR RASH OCCURS: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove any contact lenses and continue rinsing. IF EYE IRRITATION PERSISTS: Get medical attention. Dispose of contents and container in accordance with all local, regional, national and international regulations. For additional information, refer to Safety Data Sheet.

WARRANTY: The full warranty for Titebond 811 Advantage and all Titebond flooring products can be obtained at www.Titebond.com or by calling 1.800.347.4583.

VISIT WWW.TITEBOND.COM FOR THE MOST UP-TO-DATE PRODUCT INFORMATION



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