

Titebond®
THE PRO'S ADVANTAGE™

811 ADVANTAGE

WOOD FLOORING ADHESIVE

- **EXCELLENT STRENGTH DEVELOPMENT**
- **ENHANCED GREEN GRAB**
- **VERSATILE INSTALLATION METHOD OPTIONS**
- **MOLD AND MILDEW RESISTANT**
- **SPECIFICALLY DESIGNED FOR USE WITH TITEBOND® MOISTURE CONTROL SYSTEMS**

Titebond® 811 Advantage Urethane Wood Flooring Adhesive is ideal for the installation of all wood parquet, engineered and solid plank flooring and cork underlayment. It is a moisture-resistant adhesive that offers enhanced strength development and an exceptional final bond. Additionally, Titebond 811 Advantage is specifically formulated for use with Titebond Moisture Control Systems. This premium adhesive provides the installer with options of using the “wet lay” or “flash” methods of installation. The combination of enhanced green grab, excellent strength development, and the ability to use with Titebond Moisture Control Systems gives the installer a true “Advantage” over traditional urethane wood flooring adhesives.

Features and Benefits

- Lower cost per gallon than other urethane products
- Trowels easily
- Non-slump formula to reduce hollow spots
- Long open time
- Contains no water in formulation, 95% solids
- VOC-compliant with all federal and state regulations as well as the SCAQMD
- Highly moisture-resistant
- Will not cause dimensional changes in wood flooring
- Excellent bond strength but designed for easy tear-outs and repairs
- No flash time required – save time by “wet laying” installation
- Ideal for above-, on- and below-grade installations
- Unaffected by freezing temperatures
- Product is FloorScore certified by SCS

Specification Guide

Type of Flooring/Flooring Thickness	Jobsite/Subfloor
• All parquets measuring less than 3/4” thick	• New, old or existing concrete, properly treated light weight concrete
• All engineered flooring	• Below-grade concrete
• Solid wood flooring measuring 5/8” or less in thickness	• Plywood
• Bamboo flooring	• OSB (oriented strand board)
• 3/4” solid shorts (less than 24”)	• Radiant heated slabs
• 5/8” plywood (2’x8’ or 4’x4’)	• Clean and unwaxed vinyl/cork



SCS Certified

PHYSICAL PROPERTIES

Type: Urethane	Calculated VOC: 65 g/L
Color: Brown	Weight/gallon: 12.4 lbs.
Solids: 95%	Viscosity: 100,000 cps
Flashpoint: >200°F (Pensky-Martens Closed Cup)	
Freeze/Thaw stability: Not affected by freezing	
Storage life: 1 year in tightly closed container	

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 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. 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 filling/flattening compounds are used, they must be Portland-based cementitious material and have a compressive strength equal to or greater than 3000 psi when cured. Use of adhesive over light weight concrete and all gypsum-based materials requires the use of an approved concrete primer prior to application of adhesive. 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.

INSTALLATION

Titebond 811 Advantage can be installed using the "wet lay" or "flashed" 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 "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 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.

CLEAN UP

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.

ORDERING INFORMATION

Product Code	Size	Units Per Package	Weight	Packages Per Pallet
2779	3.5 Gallon Metal Pail	1	41.98 lbs.	36

APPLICATION GUIDELINES

All parquets measuring less than 3/4" in thickness

- Trowel Size - 1/8" x 1/8" x 1/8" (Square-notch)
- Coverage - Approximately 65 sq. ft. per gallon



All engineered flooring

- Trowel Size - 3/16" x 1/4" x 1/2" (c-c V-notch)
- Coverage - Approximately 50 sq. ft. per gallon



Solid flooring and bamboo with a width less than 3" and measuring 5/8" or less in thickness

- Trowel Size - 3/16" x 1/4" x 1/2" (c-c V-notch)
- Coverage - Approximately 50 sq. ft. per gallon



Solid flooring and bamboo with a width greater than 3" and measuring 5/8" or less in thickness, and 3/4" shorts

- Trowel Size - 3/16" x 3/16" x 3/16" (Square-notch)
- Coverage - Approximately 35 sq. ft. per gallon



Cork underlayment

- Trowel Size - 1/16" x 1/16" x 1/16" (Square-notch)
- Coverage - Approximately 125 to 185 sq. ft. per gallon



CAUTION STATEMENT: WARNING: EYE AND SKIN IRRITANT. POTENTIAL SKIN AND RESPIRATORY SENSITIZER. Contains residual isocyanates. Individuals with pre-existing respiratory conditions should avoid exposure to vapors from uncured product. Prolonged or repeated skin exposure may cause skin irritation and sensitization or allergic reaction. Do not swallow or allow eye contact. **First Aid:** If skin contact occurs, wash affected area with soap and flowing water. If irritation persists or allergic reactions develop, seek medical attention. If adverse respiratory effects occur, remove individual to fresh air and seek medical attention. If eye contact occurs flush with water for 15 minutes, seek medical attention. If swallowed, do not induce vomiting, seek medical attention. For additional information, refer to Material Safety Data Sheet. **KEEP OUT OF THE REACH OF CHILDREN.**

Important Notice: Our recommendations, if any, for the use of this product are based on tests believed to be reliable. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing laws and/or patents covering any material or use.

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.

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