



## Multiple Solutions One Trusted Source



Franklin International offers a comprehensive selection of Titebond brand adhesives and moisture control systems that exceed the requirements of today's professional flooring installer. Through diverse technologies and adhesion chemistries, these products are developed to deliver exceptional performance for the highest quality flooring installations.

### 771-STEP

- Advanced polymer technology offers 3-in-1 functionality serving as an adhesive plus a moisture and sound control system

### 991 PROVANTAGE

- VOC-compliant advanced solvent technology features outstanding green grab and rapid cure rate

### 821 PREMIUM

- Premium single component urethane technology offers superior strength and non-slumping performance

### 811 ADVANTAGE

- Advanced single component urethane technology offers enhanced strength development and an exceptional bond

### 801 PREFERRED

- Easy to trowel, moisture-resistant adhesive with excellent strength development

### 231 ACRYLIC

- VOC-compliant acrylic polymer technology delivers strong initial tack

## Moisture Control Systems

### 531 PLUS

#### Two Component Water-Based Moisture Control System



- Reduces moisture transmission rate by 75% – 90%
- Dries rapidly and tack free in two hours under most conditions
- 320 sq. ft. coverage at 5 mils
- No moisture content limitation for wood floor applications
- Moisture content limit for resilient flooring 12 lbs. / 24 hours / per 1000 sq. ft. per calcium chloride test

### 531

#### Two Component Solvent-Based Moisture Control System



- Reduces moisture transmission rate by 75% – 90%
- Dries fast and tack free overnight / 8 hours
- 250 sq. ft. coverage at 6.5 mils Platinum Warranty
- 400 sq. ft. coverage at 4 mils Gold Warranty
- No moisture content limitation for Platinum Warranty
- Below 12 lbs./24 hours/per 1000 sq. ft. for Gold Warranty

### 771-STEP

#### Single Component Polymer Moisture & Sound Control System



- Allows for same day installation with adhesive, moisture and sound control
- Adhesive also serves as moisture and sound control system 3-in-1
- Solvent free, contains no water, 0 g/L VOC
- Moisture content limitations: 15 lbs. calcium chloride; 85% relative humidity
- Exceeds sound control requirements of ASTM E492-04 and ASTM E90-04

## Adhesives

## Wood Glues

## Sealants

## Accessories



Titebond offers a comprehensive selection of construction adhesives, wood glues and sealants, serving as ideal solutions for jobs and projects related to the wood flooring market.

- Water-based, VOC-compliant solvent, solvent-based and polyurethane technologies
- Meets rigorous performance standards and VOC regulations
- Ideal for subfloors, stair treads, and T-moldings

- Water-based, polyvinyl acetate technologies
- VOC-compliant and easy to clean-up
- For floating floors, base moldings, and general repair

- Advanced polymer, urethane acrylic and silicone technologies
- Meets stringent VOC and indoor air quality regulations
- Perfect for baseboards and gaps between flooring boards

## Trowels



3/16" x 1/4" x 1/2"  
V-notch



3/16" x 3/16" x 3/16"  
Square-notch



3/16" x 5/32"  
V-notch



3/16" x 1/4"  
V-notch



3/16" x 1/4" x 11/16"  
V-notch

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## 991 PROVANTAGE

VOC Compliant Solvent

Wood Flooring Adhesive

## 821 PREMIUM

Single Component Urethane

Wood Flooring Adhesive

## 811 ADVANTAGE

Single Component Urethane

Wood Flooring Adhesive

## 801 PREFERRED

Single Component Urethane

Wood Flooring Adhesive

## 771-STEP

Advanced Polymer

Adhesive & Moisture Control

## 231 ACRYLIC

Acrylic Polymer

Wood Flooring Adhesive

- Ideal for solid wood flooring up to 5/8" thick, engineered flooring and bamboo
- Strong initial strength/grab minimizes board movement resulting in faster installation
- Rapid cure rate reduces time to foot traffic
- Easy to clean-up and easy to trowel

- Ideal for solid plank flooring, engineered flooring and bamboo installations
- Offers excellent green grab and develops a superior ultimate bond
- Remains flexible for the lifetime of the floor

- Ideal for wood parquet and engineered flooring installations
- Excellent strength development and final bond
- Can utilize the "wet lay" or "flash" methods of installation
- Remains flexible for the lifetime of the floor

- Ideal for wood parquet and engineered flooring installations
- Can utilize the "wet lay" or "flash" methods of installation
- Remains flexible for the lifetime of the floor

- Ideal for solid and engineered wood flooring, bamboo, ceramic tile, marble, and stone inlays
- For flooring installation and subfloor moisture and sound protection in one application
- Excellent initial bond strength and easy to trowel

- Ideal for the installation of parquet and engineered wood flooring
- Strong initial tack and excellent strength development
- Minimizes the chances of hollow or popping spots
- Can utilize the "wet lay" or "flash" methods of installation

### Technical

Clean up	Easily cleaned wet or dry with mineral spirits	Must complete clean-up before adhesive cures	Must complete clean-up before adhesive cures	Must complete clean-up before adhesive cures	Easily removed with mineral spirits	Wet adhesive can easily be cleaned with a damp (water) cloth
Use with moisture control systems	531 only	531/531 Plus	531/531 Plus	None	771 Step / 531 Plus or 531	None
Green grab	Excellent	Good	Good	Good	Very Good	Moderate
Green	No	Yes	Yes	Yes	Yes	Yes
Viscosity	125,000 cps	100,000 cps	100,000 cps	100,000 cps	100,000 cps	100,000 cps
Unused material	Reusable	Under skin	Under skin	Under skin	Under skin	Reusable
Shelf life	1 year	1 year	1 year	1 year	1 year	2 years
Warranty	1 year	1 year	1 year	1 year	1 year	1 year
Method of cure	Solvent evaporates	Moisture cure	Moisture cure	Moisture cure	Moisture cure	Water evaporates
Ease of tear-out	Difficult	Difficult	Easy	Easy	Moderate	Easy
VOC content g/L	6 g/L	77 g/L	65 g/L	65 g/L	0 g/L	41 g/L
VOC compliant	Yes	Yes	Yes	Yes	Yes	Yes
Flammable /Hazardous	Yes	No	No	No	No	No
% solids	67%	95%	95%	95%	100%	80%

### Performance

Bond strength / 14 day shear	Strongest	Strongest	Stronger	Strong	Stronger	Strong
Ease of troweling	Easy	Easy to moderate	Easy to moderate	Easy to moderate	Easy	Easy
Time before foot traffic	4 hours	24 hours	24 hours	24 hours	4 hours	24 hours
Open time	30-45 minutes	0-90 minutes	0-90 minutes	0-90 minutes	30-45 minutes	45-60 minutes
Compatible with radiant heat floors	Yes	Yes	Yes	Yes	Yes	No
Ventilation	Required	None	None	None	None	None
Subfloor moisture check: Calcium chloride / Relative humidity	3 lbs / 75%	3 lbs / 75%	3 lbs / 75%	3 lbs / 75%	3 lbs / 75% as an adhesive 15 lbs / 85% as a moisture control	3 lbs / 75%
Application temperature range	60 -100°F (15.6 - 37.8°C)	60 -100°F (15.6 - 37.8°C)	60 -100°F (15.6 - 37.8°C)	60 -100°F (15.6 - 37.8°C)	60 -100°F (15.6 - 37.8°C)	60 -100°F (15.6 - 37.8°C)

### Application

<b>Parquet</b>	Maximum thickness	3/4"	3/4"	3/4"	3/4"	1/2"
	1/8" x 1/8" x 1/8" sq notch	227.5 sq ft / pail	227.5 sq ft / pail	227.5 sq ft / pail	227.5 sq ft / pail	227.5 sq ft / pail
<b>Engineered</b> width of 3" or less	Maximum thickness	5/8"	5/8"	5/8"	5/8"	5/8"
	Number of plys	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
	3/16" x 1/4" x 1/2" c-c V-notch	N/A	175 sq ft / pail	175 sq ft / pail	175 sq ft / pail	140 sq ft / pail
<b>Engineered</b> width of 3" or greater	Maximum thickness	5/8"	5/8"	5/8"	5/8"	5/8"
	Number of plys	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
	3/16" x 3/16" x 3/16" sq notch	122.5 sq ft / pail	122.5 sq ft / pail	122.5 sq ft / pail	122.5 sq ft / pail	122.5 sq ft / pail
<b>Solid</b> width of 3" or less	Maximum thickness	5/8"	5/8"	5/8"	5/8"	N/A
	3/16" x 1/4" x 1/2" sq notch	175 sq ft / pail*	175 sq ft / pail*	175 sq ft / pail*	175 sq ft / pail*	N/A
<b>Solid</b> width of 3" or greater	Maximum thickness	5/8"	5/8"	5/8"	5/8"	N/A
	3/16" x 3/16" x 3/16" sq notch	122.5 sq ft / pail	122.5 sq ft / pail	122.5 sq ft / pail	122.5 sq ft / pail	N/A
<b>Moisture Control</b> engineered	Maximum thickness	N/A	N/A	N/A	N/A	N/A
	1/4" x 3/16" V-notch (saw tooth)	N/A	N/A	N/A	Unlimited	N/A
					122.5 sq ft / pail	N/A
<b>Moisture Control</b> solid & bamboo	Maximum thickness	N/A	N/A	N/A	5/8"	N/A
	1/4" x 1/4" V-notch (saw tooth)	N/A	N/A	N/A	105 sq ft / pail	N/A

\*can also be used on bamboo

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