

# 780

## Premium Multi-Purpose Flooring Adhesive

- **Designed for all types of carpet, felt-backed resilient sheet goods, cork, rubber tile, LVT & LVT/plank**
- **Superior bond designed to last the lifetime of the floor**
- **Fast grab to reduce curl in sheet goods**
- **Long working time**

### FEATURES AND BENEFITS

- Freeze/thaw stable
- Water-resistant
- Nonflammable
- Non-toxic

### ORDERING INFORMATION

- 1 Gallon Plastic Pail / 4 Units Per Case  
39.23 lbs. / 30 Cases Per Pallet  
Product Code: 9436
- 4 Gallon Plastic Pail / 1 Unit Per Case  
44.60 lbs. / 36 Cases Per Pallet  
Product Code: 9434

Titebond® 780 is an environmentally safe multi-purpose flooring adhesive with fast tack and a strong permanent bond. It has excellent 24 hour rebond properties. It may be used with conventional carpets, felt-backed resilient sheet goods, cork, rubber tile, LVT & LVT/Plank. Titebond 780 contains no volatile solvents, no hazardous materials and no carcinogens. There is no unpleasant or lingering odor. It is freeze/thaw stable, nonflammable, water-resistant and non-toxic.

**MULTI-  
PURPOSE**

**CAN BE ROLLED  
FOR PRESSURE SENSITIVE  
APPLICATIONS**

**STRONG  
PERMANENT  
BOND**



**Titebond®**  
THE PRO'S ADVANTAGE™

## PHYSICAL PROPERTIES (TYPICAL)

- **Type:** Latex
- **Color:** Beige
- **Solids:** 65%
- **Flashpoint:** >200°F (Pensky-Martens Closed Cup)
- **Freeze/Thaw stability:** Stable (5 cycles at 20° F.)
- **Storage life:** 24 months in tightly closed container
- **Calculated VOC:** <50 g/L
- **Weight/gallon:** 8.96 lbs.
- **Viscosity:** Trowel Grade

## SUITABLE SUBSTRATES

Refer to the flooring manufacturer's specific recommendations for suitable substrates.

**Porous:** Concrete, well-bonded cementitious underlayments, APA grade underlayment plywood (untreated) and radiant-heated subfloors where temperatures do not exceed 85°F (29.4°C) on all grade levels. Also can be used over well-bonded, properly primed gypsum underlayments (above-grade only). **Non-porous:** Ceramic tile, terrazzo, marble, certain epoxy coatings and existing well-bonded resilient flooring (not perimeter bonded or cushion-backed). Please note that all substrates must be sound, solid and well-bonded.

## 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. 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 Titebond Concrete Primer or equivalent prior to application of adhesive.

## SUBFLOOR MOISTURE CHECK & ALKALI

Concrete subfloors should be tested for moisture prior to installation. Moisture levels cannot be greater than 8 lbs./1000 sq. ft./24 hours on a Calcium Chloride Test (ASTM F1869), or have relative humidity (RH) of 90% or less when tested with an in situ probe (ASTM F2170). Alkali needs to be checked and should be in the range of 5-9. When installing directly over wood subfloors the moisture content of the subfloor should be 13% or less.

## FLOOR COVERING RECOMMENDATIONS

Luxury vinyl tiles (LVT)/Plank, solid vinyl/rubber flooring and stair treads. For use on exterior grade plywood, Group 1, other underlayments approved by manufacturers, concrete, cementitious flattening materials, primed lightweight concrete and well bonded VCT, sheet goods or ceramic tiles all deglossed. Adhesive provides a strong, permanent bond on heavy traffic areas including commercial, institutional and industrial installations. Carpet: Polypropylene woven, woven, unitary, jute, latex unitary, foam, sponge, polyurethane, hot melt, rubber backings, latex, soft-backed unitary. Tile: Vinyl composition tile, cork tile, rubber tile, pure vinyl tile. Sheet Goods: Mineral, felt, paper, rubber backings.

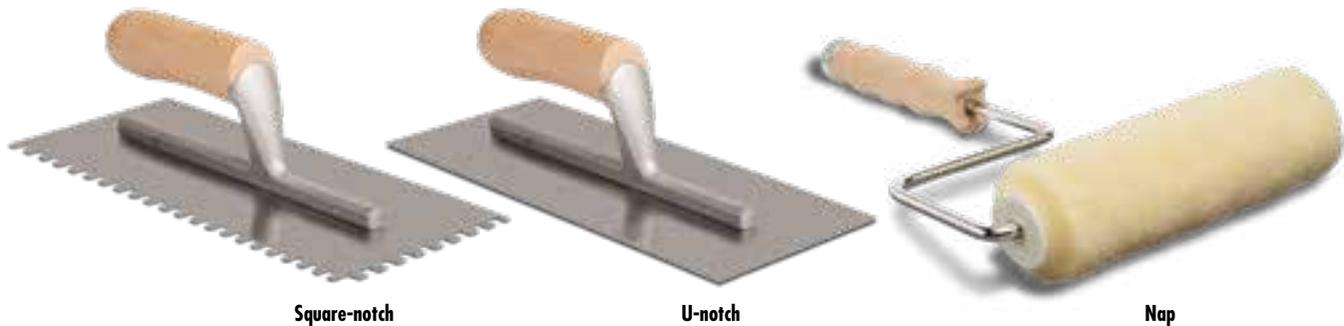
**CARPET INSTRUCTIONS:** Lay carpet between 15 and 60 minutes of adhesive application, to insure that adhesive transfers to backing. In case of sealed surfaces, it may be required to allow adhesive enough open time to become tacky to the touch before laying carpet. After installation is complete, roll carpet with a lightweight roller or a carpet tube.

**TILE INSTRUCTIONS:** Open time is between 30 minutes and two hours. Lay tiles, positioning them carefully since it will be difficult to slide tiles. Roll with a 75 pound roller within one hour of laying tile. Restrict traffic for 24 hours. Do not expose floor to water within a week of installation.

**SHEET GOOD INSTRUCTIONS:** Lay sheet goods into wet adhesive within 10 and 60 minutes after adhesive application. Lift corners periodically to determine if adhesive is transferring to the goods backing. Immediately after installation, roll the floor with a 75 pound roller, working from the center towards edges to expel entrapped air. For "hard to hold" curled goods, allow applied adhesive to tack up to the touch before laying goods in order to promote quick adhesion.

## APPLICATION GUIDELINES

TYPE OF FLOORING	TROWEL SIZE	COVERAGE
Carpet.....	3/32" Square-notch.....	15 sq. yd. per gallon
Carpet.....	1/8" Square-notch.....	11 sq. yd. per gallon
Tile.....	1/16" Square-notch.....	150 sq. ft. per gallon
Tile.....	3/32" Square-notch.....	130 sq. ft. per gallon
Sheet Goods.....	1/16" Square-notch.....	150 sq. ft. per gallon
LVT/Plank, Solid Vinyl/Rubber & Stair Treads.....	1/16" X 1/16" X 1/16" Square-notch.....	150 sq. ft. per gallon
Cork Underlayment.....	1/16" X 1/16" X 1/16" Square-notch.....	150 sq. ft. per gallon
LVT/Pressure Sensitive.....	1/16" X 1/32" X 5/64" U-notch.....	250-300 sq. ft. per gallon
LVT/Pressure Sensitive.....	3/8" Nap.....	150-200 sq. ft. per gallon



## LVT/PLANK INSTRUCTIONS:

**WET LAY METHOD-POROUS SUBSTRATES:** Open time is between 10 and 30 minutes. Adhesive must transfer to backing to promote optimum adhesion in wet lay applications. Employ a 100 lb. roller in both directions within one hour of installation to work out air pockets and produce solid bonding.

**PRESSURE SENSITIVE METHOD-NON POROUS SUBSTRATES:** Titebond 780 has the ability to be rolled or troweled for use as a pressure sensitive adhesive. When using a 3/8" nap for rolled application, coverage will be approximately 150-200 square feet per gallon, depending on the amount of pressure used to apply the adhesive. The adhesive offers adequate strength to bond an LVT floor in a pressure sensitive application. Allow adhesive to dry until a firm touch does not transfer adhesive. When using a 1/16 x 1/32 x 5/64 trowel, coverage will be approximately 250 to 300 sq. ft. per gallon. Spread adhesive and let it become dry to touch, where there is no transfer to fingers. This will take approximately 35-90 minutes depending on temperature and humidity, or about 15 minutes with a fan assist. Do not install floor before adhesive is ready. Installing flooring too soon can lead to slippage and gaps between pieces. Install LVT per manufacturer's directions with no more than three hours of open time. Keep the adhesive free from dust and dirt during long open times. Dust and dirt will negatively affect strength.

## CLEAN UP

Clean wet adhesive with water or Titebond Adhesive Remover Cleaning Wipes. Clean dry adhesive with mineral spirits, and follow solvent vendor's safety precautions.

**WARNING:** Suspected of causing cancer. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear eye or face protection. Wear protective clothing. **FIRST AID:** IF EXPOSED OR CONCERNED: Get medical attention. Dispose of contents and container in accordance with all local, regional, national and international regulations.

**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 780 and all Titebond flooring products can be obtained at [www.Titebond.com](http://www.Titebond.com) or by calling 1.800.347.4583.

VISIT [WWW.TITEBOND.COM](http://WWW.TITEBOND.COM) FOR THE MOST UP-TO-DATE PRODUCT INFORMATION



**Franklin International**

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