Faster.

Better.

- Builds strength faster than common construction adhesives
- Ultimate strength and durability
- No drool and less mess
- Class 1/8in., Type P/0 subfloor adhesive in accordance with ASTM D3498-19

TOTAL PERFORMANCE GUARANTEE
SUBFLOOR
LIFETIME
PLATINUM

Titebond®

Titebond® Fast Set Polyurethane Construction Adhesive is a one-component, advanced adhesive technology designed to build strength faster and stronger than other common construction adhesives. It can be used for interior and exterior construction projects, offering ultimate strength and durability even when bonding non-porous materials. It offers a fast set-up time as well as a smooth bead for effortless extrusion–even in near-freezing temperatures. It is ideal for virtually all building materials, including wet, frozen, engineered and treated lumber, metal, plastic, foam, mirrors, concrete and brick.

Product Enhancements

- Faster set time and cure – develops strength more quickly than common construction adhesives
- Permanently bonds most building materials
- Cold weather extrusion – extrudes down to 32°F
- Provides a smoother, more full-bodied adhesive bead that offers minimal shrinkage
- No adhesive drool – no flow after bead cut off

Features & Benefits

- **Fast setting** - Provides fast initial bond that gets stronger over time
- **Ultimate strength** - Outperforms common construction adhesives
- **Waterproof** - Can be used in interior or exterior applications
- **Versatile** - For use on wood, metal, plastic, foam, mirrors, concrete and brick
- **Low VOC** - Meets SCAQMD VOC limits
- **Low odor** - Ideal for interior applications
- **All weather formula** - Can be used in adverse weather conditions
- **Excellent aging resistance** - Lifetime durability
- **Remains flexible with no shrinking** - Will not become brittle, crack or lose strength
- **Drool-free** - Saves contractors the cost of adhesive wasted as drool

Recommended For

Engineered wood, wet lumber, frozen lumber, treated lumber, untreated lumber, concrete, marble, stone, slate, masonry, brick, carpet tack strips, metal, lead, cement, ceramic, fiberglass, drywall, mirrors, tileboard, cabinets, foamboard, countertops, granite, plastic, vinyl, MDF paneling, brick veneers, plywood, waferboard, OSB & PVC

Common Applications

Subfloor installations, concrete wall caps, carpet tack strips, step and landscaping repairs, structural insulated panels (SIP), cabinets, countertops, drywall, mirrors and masonry veneer

Strength Testing Data (Results shown in PSI)

SUBSTRATES	6 HOURS	9 HOURS	24 HOURS
Plywood to douglas fir	271	292	680
Plywood to treated lumber	262	326	644
OSB wet to OSB wet	81	103	235
Frozen douglas fir to frozen douglas fir	273	295	585
Plywood to FRP	221	272	234
Concrete to concrete	254	400	1084

Physical Properties

- **Type:** One-component, moisture-cured polyurethane
- **Viscosity:** 150,000 cps.
- **Solids:** 98%
- **Working time:** Approximately 1 hour
- **Open time:** 10-20 minutes
- **Flash point:** > 200°F
- **Freeze/thaw stability:** Will not freeze
- **Shrinkage:** None
- **Odor:** Low
- **Service temperature:** -20°F to 250°F
- **Application temperature:** 32°F to 120°F
- **VOC:** < 50 g/L
- **Shelf life (unopened):** 18 months from date of manufacture

Specifications

Titebond Fast Set Polyurethane Adhesive meets or exceeds all of the following specifications:

- Class 1/8 in., Type P/O subfloor adhesive in accordance with ASTM D3498-19
- American Plywood Association AFG-01
- ASTM C557
- CAN/CGSB-71.25M
- CAN/CGSB-71.26M

Green Building VOC Compliances

NAHB / CARB / SCAQMD / Contributes to LEED Low-Emitting Materials credit

Preparation

Surfaces must be clean and free of any material that may prevent adequate adhesion.

Application

1. Cut tip on slant for 1/4" to 3/8" bead. For subfloors, bead size is determined by subfloor material and width of joist. Cut tip straight across to produce between a 3/8" to 1/2" bead, to ensure full width of coverage (squeeze out) on joist. Puncture inner seal and place in cartridge gun. **2.** Apply adhesive to one of the surfaces in either a continuous or spot bead. **3. Adhere materials within 10-20 minutes based on environmental conditions.** Press surfaces firmly together with a slight twisting motion. Certain large applications may require additional bracing until adhesive has dried. **Note:** For subfloors, apply adhesive to joists for one sheet at a time. Apply enough adhesive to joists to allow for full coverage and sufficient squeeze out when panels are placed. Do not slide panels in place as this can scrape adhesive off of joists. Nail or screw each sheet as recommended by the American Plywood Association.

Curing Time

Titebond Fast Set Polyurethane Construction Adhesive begins to cure and develop strength as quickly as 20 minutes after the adhesive application. Cure times may vary, depending on temperature, humidity and other changing weather conditions.

Cleanup

Tools and adhesive may be cleaned with mineral spirits before adhesive dries. Follow solvent vendor's precautions. If dried, removal will require scraping or other mechanical means.

Storage

Titebond Fast Set Polyurethane Construction Adhesive should be stored out of direct sunlight in a cool, dry area. If adhesive cartridge is exposed to elevated temperatures and/or humidity, shelf life could be reduced.

For Best Results

- Not designed for applications under continuous submersion.
- Not intended for polyethylene, polypropylene, silicone, PTFE or other non-stick plastics.
- To speed the curing process, mist substrate with water.
- Refer to current Safety Data Sheets (SDS) for more information. For the most up-to-date SDS, please visit www.titebond.com or call 1.800.347.4583.

Titebond®

Part # - 4222
Product UPC - 0 37083 04222 1
Case UPC - 100 37083 04222 8
Weight - 32.32 lbs.
Units Per Package - 12
Packages Per Pallet - 44

1/8″ bead - 343 ft.
1/4″ bead - 86 ft.
3/8″ bead - 38 ft.

Part # - 4221
Product UPC - 0 37083 04221 4
Case UPC - 100 37083 04221 1
Weight - 11.99 lbs.
Units Per Package - 12
Packages Per Pallet - 108

1/8″ bead - 123 ft.
1/4″ bead - 31 ft.
3/8″ bead - 14 ft.

Visit Titebond.com for the most up-to-date product information.

Franklin International

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