

PREPARATION

Surfaces must be clean and free of any material such as dirt, sand, loose particles, rust and other membrane materials that may prevent adequate adhesion.

APPLICATION

1. Cut tip on slant for 1/4" to 3/8" bead.
2. Puncture inner seal and place in cartridge gun. Apply material using the appropriate cartridge gun accordingly.
3. Apply adhesive in a continuous or spot bead. Be certain to fill gaps between materials accordingly.
4. Press surfaces firmly together with a slight twisting motion. Larger applications may require additional bracing until adhesive has dried.
5. Materials may be repositioned without loss of adhesion up to one hour after application.

CURING TIME

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

CLEAN-UP

Scrape off dried excess with a putty knife. Remove residue with mineral spirits or equivalent solvent. Follow solvent vendor's precautions when using solvents. NOTE: Test solvent on an out-of-the-way area to make sure it will not mar or attack the surface.

STORAGE

Titebond Fast Set Polyurethane Construction Adhesive should be stored out of direct sunlight in a cool, dry area. If adhesive is exposed to elevated temperatures, it could reduce shelf life accordingly.

WHERE TO USE

Interior, exterior, below grade and above grade

COMMON APPLICATIONS

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

APPEARANCE

Smooth

SHELF LIFE

12 months in tightly closed containers at 75°F

PRECAUTIONS

CAUTION: EYE AND SKIN IRRITANT. Potential skin and respiratory sensitizer. Contains isocyanate containing polymers. Avoid prolonged or repeated contact with skin or vapors. Do not allow eye contact. Do not ingest. Use only with adequate ventilation.

FIRST AID

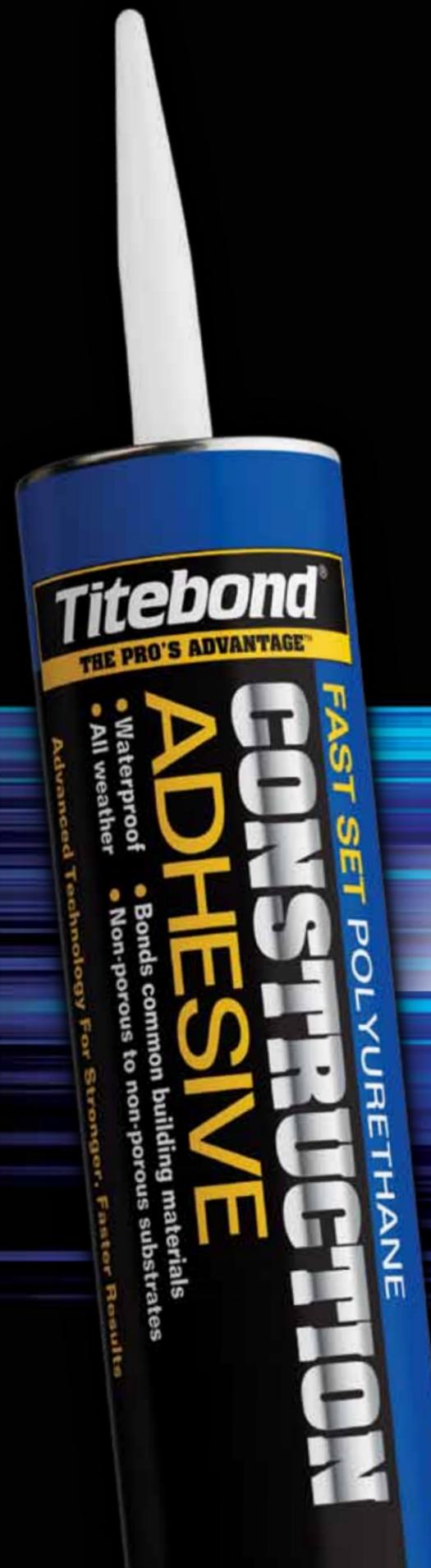
If skin contact occurs, wash affected area with soap and water. If irritation persists or allergic reactions develop, contact physician. If adverse respiratory effects occur, remove individual to fresh air and contact physician. If eye contact occurs, flush eyes with water for 15 minutes; contact physician. If swallowed, do not induce vomiting; contact physician. For additional information, refer to Material Safety Data Sheet. **KEEP OUT OF THE REACH OF CHILDREN.**

FOR BEST RESULTS

- Not designed for applications under continuous submersion.
- To speed the curing process, mist substrate with water.
- Ensure current versions of MSDS are being used accordingly. For the most up-to-date MSDS; please visit www.titebond.com or call 1.800.347.4583

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FAST SET
POLYURETHANE
ADHESIVE

Franklin International

Customer Service: 800.877.4583 / Technical Service: 800.347.4583



Advanced Technology For STRONGER, FASTER Results

Titebond® Fast Set Polyurethane Construction Adhesive is a one-component, advanced adhesive technology designed to build strength faster than other comparable products. It can be used for interior and exterior construction projects, and is the highest performing product of its kind, offering unmatched 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, mirror, concrete and brick.

NEW PRODUCT ENHANCEMENTS

- Faster set time and cure – develops strength quicker 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

FEATURES & BENEFITS

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, mirror, concrete and brick
VOC-compliant	Complies with all major green building organizations
Low odor	Safer alternative for interior applications
All weather formula	Can be used in adverse weather conditions
Excellent aging resistance	Lifetime durability
Non-shrinking/Flexible	Will not become brittle, crack or lose strength

TESTING DATA

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

*Pounds per square inch (PSI)

COVERAGE

- 1/8" Bead
 - 10 fl. oz. - 123 linear feet
 - 28 fl. oz. - 343 linear feet
- 1/4" Bead
 - 10 fl. oz. - 31 linear feet
 - 28 fl. oz. - 86 linear feet
- 5/16" Bead
 - 10 fl. oz. - 20 linear feet
 - 28 fl. oz. - 55 linear feet
- 3/8" Bead
 - 10 fl. oz. - 14 linear feet
 - 28 fl. oz. - 38 linear feet

RECOMMENDED FOR

- ✓ Engineered wood
- ✓ Wet lumber
- ✓ Frozen lumber
- ✓ Treated lumber
- ✓ Untreated lumber
- ✓ Concrete
- ✓ Marble
- ✓ Stone
- ✓ Slate
- ✓ Masonry
- ✓ Brick
- ✓ Carpet tack strips
- ✓ Metal
- ✓ Lead
- ✓ Cement-based products
- ✓ Ceramic
- ✓ Fiberglass
- ✓ Drywall
- ✓ Mirrors
- ✓ Tileboard
- ✓ Cabinets
- ✓ Foamboard
- ✓ Countertops
- ✓ Granite
- ✓ Marble
- ✓ Plastic
- ✓ Vinyl
- ✓ 1/8" MDF paneling
- ✓ Brick veneers
- ✓ Plywood
- ✓ Waferboard
- ✓ OSB
- ✓ PVC

NOT RECOMMENDED FOR

- ✗ Ceiling tile
- ✗ Under water applications
- ✗ Copper

ORDERING INFORMATION

Part #	Size	Units/Pkg.	Weight (lbs.)	Pkg/Pallet
4221	10 fl. oz. cartridge	12	15.32	108
4222	28 fl. oz. cartridge	12	41.13	44

COMPOSITION

- Titebond Fast Set Polyurethane Construction Adhesive is a one-component, moisture-cured, advanced polyurethane adhesive.

SPECIFICATIONS

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

- American Plywood Association AFG-01
- ASTM D3498
- ASTM C557
- CAN/CGSB-71.25M
- CAN/CGSB-71.26M

GREEN BUILDING COMPLIANCES

- LEED
- NAHB
- CARB
- SCAQMD
- Green Seal
- Green Globes

TYPICAL PROPERTIES

Property	Value
Viscosity	150,000 cps.
Solids %	98%
Working time	Approximately 1 hour
Open time	20-30 minutes
Flash point	> 200°F
Freeze/thaw stability	Will not freeze
Shrinkage	None
Weight/gallon	11.0 lbs
Odor	Low
Service temperature	-20°F - 120°F
Application temperature	32°F - 120°F
VOC	20 g/L
Shelf life (unopened)	12 months from date of manufacture