

Titebond[®]

The Professional's Choice



Franklin International

CANNED ADHESIVES GUIDE

Product	Primary Application	Sizes Available	Application Temperature	Service Temperature	Open Time	VOC Content	Water Resistance	Freeze/Thaw Stability	Cleanup
<p>Titebond® Trowelable Multi-Purpose Construction Adhesive</p> <p>A versatile, high-quality adhesive for interior and exterior applications. Titebond Trowelable provides excellent water-resistance and remains permanently flexible. It is easy to trowel and offers a 30 minute working time to allow precise placement of materials. Titebond Trowelable exceeds the ASTM C-557 specification.</p>	Designed for the installation of plywood, tileboard, FRP, pre-finished hardboard, Gypsum wallboard and other wall-paneling materials. It also offers excellent strength on masonry, ceramic, foamboard, plastic laminates and most rigid plastics.	Gallon	Above 50° F	-20°F to 150° F	30 Minutes	322 g/L	Good	Will not freeze	Mineral spirits or equivalent solvent
<p>Titebond® Fast Dry Contact Cement</p> <p>A professional-quality, flammable adhesive that offers superior strength and excellent aging qualities. Titebond Fast Dry becomes completely dry within 10 to 15 minutes of application. It has a strong initial tack that allows immediate machining and is highly resistant to water, oil and heat. Titebond Fast Dry spreads easily and can be applied by roller, brush or trowel.</p>	Designed for bonding decorative laminates, veneer, hardboard, leather, rubber and flexible metal to most common building materials.	Quart Gallon	50°F to 100°F	-20°F to 220°F	2 hours maximum	701.9 g/L	Better	Will not freeze	Mineral spirits or equivalent solvent
<p>Titebond® Low Solvent Neoprene-Based Contact Cement</p> <p>A professional-quality, low-solvent adhesive that offers a strong initial tack and allows for immediate machining. It is an environmentally superior adhesive that contains no ozone-depleting chemicals. Unlike solvent-based contact cements, it is nonflammable and cleans up with water. Titebond Low Solvent is the ideal choice in response to local fire codes, insurance requirements or general risk of fire.</p>	Designed for bonding decorative laminates, veneer, hardboard, leather, rubber to most common building materials.	Quart Gallon	60°F to 90°F	-20°F to 150°F	3 hours maximum	72.3 g/L (less water)	Better	Unstable	Use warm, soapy water while adhesive is wet. Remove dried adhesive with citrus-based solvent.
<p>Titebond® Wall & Floor Ceramic Tile Adhesive</p> <p>A high-performance, latex-based adhesive for the installation of ceramic and mosaic tile. Titebond Wall & Floor offers superior strength, resilience and water-resistance. It exceeds the performance requirements of the ANSI A136.1 Type I and II specifications. It also provides quick grab for a professional, non-slip installation. Titebond Wall & Floor is nonflammable, easy to trowel and cleans up with water.</p>	Specifically designed for the installation of ceramic and mosaic tile over plywood, OSB, Gypsum wallboard, wonderboard, plaster, plastic laminates, concrete and existing tile.	Quart Gallon	Above 50°F	0°F to 120°F	35-45 minutes	81.2 g/L (less water)	Excellent	Stable	Use warm, soapy water while adhesive is wet. Remove dried adhesive with mineral spirits or equivalent solvent.
<p>Titebond® Solvent Free Fast Grab FRP Adhesive</p> <p>A VOC-compliant, professional-strength adhesive with a fast grab and bonding power that greatly reduce the need for extended bracing. Titebond Solvent Free is an environmentally superior adhesive that contains no ozone-depleting chemicals. Unlike solvent-based adhesives, it is nonflammable, emits no harmful fumes or odors and cleans up with water.</p>	Specifically designed for the installation of FRP (fiber-reinforced plastic) panels.	Gallon 4 Gallon	50°F to 90°F	0°F to 110°F	60 minutes at 70°F	2.6 g/L (less water)	Good	Stable	Use water while adhesive is wet. Remove dried adhesive with mineral spirits or equivalent solvent.
<p>Titebond® Solvent Free Multi-Purpose Carpet Adhesive</p> <p>An environmentally superior, latex-based adhesive that offers a fast tack and strong permanent bond for conventional and hard to hold carpets as well as double glue-down installations. It has 24 hour rebonding properties and is highly water-resistant. Unlike solvent-based adhesives, Titebond Solvent Free is nonflammable, emits no harmful fumes or offensive odors and cleans up with water.</p>	Ideal for carpets with a variety of backings, including woven, polypropylene, unitary, jute, foam, sponge polyurethane, hot melt and rubber.	Quart Gallon 4 Gallon	Above 65°F	40°F to 120° F	15-60 minutes	15.9 g/L (less water)	Good	Stable	Use water while adhesive is wet. Remove dried adhesive with mineral spirits or equivalent solvent.
<p>Titebond® Solvent Free Multi-Purpose Flooring Adhesive</p> <p>A versatile adhesive that provides a professional-strength bond and is highly water-resistant. Titebond Solvent Free offers a moderately slow tack and longer open time to allow for more precise flooring installations. Unlike solvent-based adhesives, it contains no ozone-depleting chemicals. In addition, it is nonflammable, emits no harmful fumes or offensive odors and cleans up with water.</p>	Ideal for the installation of conventional carpet, vinyl composition tile, sheet vinyl and resilient flooring.	Quart Gallon 4 Gallon	Above 65°F	40°F to 120° F	15 minutes to 2 hours	17.9 g/L (less water)	Good	Stable	Use water while adhesive is wet. Remove dried adhesive with mineral spirits or equivalent solvent.
<p>Titebond® Solvent Free Indoor/Outdoor Carpet & Tile Adhesive</p> <p>An acrylic-latex adhesive that offers good initial tack for a quick and easy installation. Titebond Solvent Free provides a professional-strength bond that offers excellent water-resistance. Titebond Solvent Free is an environmentally superior adhesive that contains no ozone-depleting chemicals. Unlike solvent-based adhesives, it is nonflammable, emits no harmful fumes or offensive odors and cleans up with water.</p>	Ideal for interior and exterior installations of carpet, artificial turf and plastic-backed corded tiles.	Quart Gallon 4 Gallon	Above 40°F	-20°F to 120° F	30-40 minutes maximum	16.3 g/L (less water)	Excellent	Unstable	Use water while adhesive is wet. Remove dried adhesive with mineral spirits or equivalent solvent.
<p>Titebond® Solvent Free Clear Pressure Sensitive Adhesive</p> <p>A latex-based, clear thin spread for the installation of tiles. Titebond Solvent Free combines a fast tack with a long open time, making it the ideal choice for professionals and DIYer's alike. It is an environmentally superior adhesive that contains no ozone-depleting chemicals. Unlike solvent-based adhesives, Titebond Solvent Free is nonflammable, emits no harmful fumes or offensive odors and cleans up with water.</p>	Ideal for the installation of vinyl, vinyl composition and asphalt tiles, as well as foam-backed hardwood parquet tiles.	Quart Gallon 4 Gallon	Above 65°F	40°F to 120° F	72 hours maximum	16.2 g/L (less water)	Good	Stable	Use water while adhesive is wet. Remove dried adhesive with mineral spirits or equivalent solvent.
<p>Titebond® Solvent Free Wood Flooring Adhesive</p> <p>A pressure-sensitive formula that offers a long working time and superior green grab. Titebond Solvent Free develops a professional-strength bond that is highly water-resistant and will remain flexible for the lifetime of the floor. It is an environmentally superior adhesive that contains no ozone-depleting chemicals. Titebond Solvent Free is nonflammable, emits no harmful fumes or offensive odors and cleans up with water.</p>	A pressure-sensitive formula that is ideal for engineered plank and parquet flooring.	Gallon 4 Gallon	Above 60°F	0°F to 120° F	2-3 hours	16.6 g/L (less water)	Good	Unstable	Use water while adhesive is wet. Remove dried adhesive with mineral spirits or equivalent solvent.

Approximate square foot coverage according to trowel

Trowel type & size	Quart	Gallon
V-notch 5/32"	8-9 square feet	33-36 square feet
V-notch 3/16" wide x 3/16" deep x 5/16" space	10-12 square feet	40-50 square feet
V-notch 3/16" wide x 1/4" deep x 5/16" space	10-12 square feet	40-50 square feet
Square-notch 1/16" wide x 1/16" deep x 3/32" space	40-50 square feet	160-200 square feet
Square-notch 1/16" wide x 1/16" deep x 1/16" space	30 square feet	120 square feet
Square-notch 3/32" wide x 3/32" deep x 3/32" space	20 square feet	80 square feet
Square-notch 1/8" wide x 1/8" deep x 1/8" space	16 square feet	65 square feet
Square-notch 1/8" wide x 1/8" deep x 1/16" space	11 square feet	45 square feet
Square-notch 1/4" wide x 1/4" deep x 1/4" space	5 square feet	20 square feet
U-notch 1/8"	10 square feet	40 square feet
U-notch 1/32"	62 square feet	250 square feet
U-notch 3/32"	12 square feet	50 square feet

Tips For Successful Bonding

- ▶ The trowel which is used to apply an adhesive can have a very large influence on the success or failure of the job. The recommended trowel has been selected to provide sufficient installation time along with an appropriate amount of adhesive and to bridge irregularities in the bonding surfaces.
- ▶ When installing large panels such as tub surrounds or sheets of FRP, bracing or blocking the panels for the first 24 hours provides assurance that a good bond will be achieved even if the panel is somewhat warped or the wall surface slightly irregular.
- ▶ Contact cements are unique in that they are applied to both surfaces and must dry before the two surfaces are put together. The bond is then immediately formed when the two layers of dried adhesive are pressed together. Contact cements can only be successful when at least one of the materials being bonded is somewhat flexible.
- ▶ Aside from contact cements and certain thin spread, pressure sensitives, most other adhesives need to dry after the materials being joined are positioned. This requires that one of the materials being bonded be porous. This means that a multi-purpose flooring adhesive designed to install vinyl cannot be used to install vinyl over vinyl because neither of the surfaces is porous and the adhesive will not dry. Similarly, an FRP adhesive cannot be used to install an FRP panel over a non-porous surface such as polystyrene foam because, again, that combination of materials will not allow the adhesive to dry.

Technical Support

Since 1935, Franklin International has backed its products with the highest degree of technical support in the industry. Call our Technical Support Hot Line if you have a question about any of our products.

1-800-347-GLUE (4583)

Compliments of your quality Franklin dealer:

Franklin International

Construction Products Division • 2020 Bruck Street
Columbus, Ohio 43207 • 614-443-0241