

# Titebond® Tongue & Groove Flooring Glue

MSDS

[2104 - 16 oz. Bottle](#)

Titebond® Tongue & Groove Flooring Glue is a premium wood glue that passes the stringent ANSI Type II water resistance test. In addition, it offers a lower chalk temperature and a two year shelf-life, both of which make it unique to the industry. Titebond Tongue & Groove Flooring Glue is specifically formulated for all types of laminate and floating floors, even over radiant heat systems.

Titebond Tongue & Groove Flooring Glue provides a superior bond at the tongue and groove. Due to its white color, the glue is easy to see for quick cleanup. It is non-toxic and nonflammable, making it safe to use and environmentally friendly. Titebond Tongue & Groove Flooring Glue gives the professional installer the highest level of protection against potential moisture problems, while maintaining a strong ultimate bond.

MSDS

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Physical Properties (Typical)	<b>Type</b> Cross-linking polyaliphatic emulsion	<b>Calculated VOC (less water)</b> 13.7 g/L
	<b>State</b> Liquid	<b>Weight/gallon</b> 9.1 lbs.
	<b>Color</b> White	<b>Chalk temperature* Approx.</b> 55°F.
	<b>Dried film</b> Translucent	<b>Flashpoint</b> >200°F
	<b>Solids</b> 48%	<b>Freeze/Thaw stability</b> Stable
	<b>Viscosity</b> 4,000 cps	<b>pH</b> 3.0
	<b>Storage life</b> 2 years in tightly closed container at 75°F.	
	*Chalk temperature indicates the lowest recommended temperature at which the glue, air or materials can be during application, to assure a good bond.	

## Application Guidelines

- Application Temperature** Above 55°F.
- Assembly Time After Glue Application** 5 minutes (70°F./50%RH)
- Methods of Application** Plastic bottles with fine tips.
- Installation Method** Titebond Tongue & Groove Flooring Glue can be installed using the continuous bead method. When using this method, a water-resistant joint is created. Follow the flooring manufacturers' directions for proper positioning of the adhesive bead. Some manufacturers prefer gluing the top of the tongue and others prefer gluing of the groove. Titebond Tongue & Groove Flooring Glue is the professional installer's choice for either method.
- Clean-up** Wet adhesive can be cleaned with water and a damp cloth. If adhesive has dried, scrape off excess. For specific cleaning instructions, please call Franklin Technical Service at 1-800-347-4583.

Bond Strength	Temperature	Strength psi	% Wood Failure
ASTM D-905 (On Hard Maple)			
	Room Temperature	3,750	72
	150°F. Overnight	1,750	6

Product Features

- For all types of laminate and floating floors, even over radiant heat systems
- Superior bond strength
- Passes Type II water-resistance testing
- Low chalk temperature
- Fast drying
- Easy application process
- Noticeable white color for easy cleanup
- Easy cleanup when glue is wet
- Resists solvents & water when dry
- Freeze/thaw stable
- Environmentally superior and safe to use
- Non-toxic
- Nonflammable
- VOC-compliant

Limitations

Titebond Tongue & Groove Flooring Glue passes Type II water-resistance tests. Do not use for joints below the waterline or continuous submersion. Do not use when temperature, glue or materials are below 55°F. KEEP FROM FREEZING. Freezing may not affect the function of the product but may cause it to thicken. Agitation should restore product to original form. Remove excess glue from surface while wet. Do not allow glue to dry as it will be difficult to remove.

Caution Statement

No caution information is needed. Please refer to the Material Safety Data Sheet for further information.

Ordering Information

Cat. No.	Size	Units per Package	Weight	Packages per Pallet
2104	16 oz. Bottle	12	16	100

**Important Notice:** Our recommendations, if any, for the use of this product are based on tests believed to be reliable. Since the use of this product is beyond the control of the manufacturer, no guarantee or warranty, expressed or implied, is made as to such use or effects incidental to such use, handling or possession or the results to be obtained, whether in accordance with the directions or claimed so to be. The manufacturer expressly disclaims responsibility therefore. 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.