

# HiPURFORMER™

ADVANCED BONDING SYSTEM

## WW75 HiPURformer

Polyurethane Hot Melt Adhesive

The HiPURformer™ Advanced Bonding System is the perfect solution for most bonding needs. It combines the highest-quality polyurethane hot melt adhesives with the most efficient, cost-effective application system.

**Titebond MP75** is the adhesive component of this unique and innovative system. This special adhesive is extremely versatile and designed for use on a wide variety of materials. With a fast set time, it eliminates the need for nails, staples, screws and other mechanical fasteners (in most applications), yet it is ideal for assembly applications where longer open times are desired.



***Titebond®***  
***Glues & Adhesives***

# MP 75 HiPURformer Polyurethane Hot Melt Adhesive

## Physical Properties (Typical)

**Type** Polyurethane  
**State** Solid  
**Color** Translucent yellow  
**Dried Film** Opaque white  
**Solids** 100%  
**Storage life** 6 months in unopened container. 16 hours heated at 250°F.

**Calculated VOC (less water):** 0 g/L  
**Weight/gallon** 9.8 lbs.  
**Flashpoint** N/A  
**Freeze/thaw stability** Will not freeze  
**Viscosity** 8,500 (cps) @ 250°F.

## Application Guidelines

**Application temperature** 250°F.  
**Service temperatures:** -20°F. to 275°F.  
**Method of application** Hot melt adhesive applicator  
**Coverage** Approximately 71 linear feet of 1/16" (OD bead) per 50 gram cartridge  
**Working surfaces** Surfaces must be dry and free from any dust, dirt or other material that may deter adhesion. Apply adhesive using the proper hot melt applicator tool. Join the surfaces to be bonded together, ensure proper alignment of pieces and hold firmly in place until the adhesive sets (approximately 75 seconds).  
**Cleanup** Allow any squeeze out to become firm and remove it with a putty knife or scraper. Fully cured material can be removed by sanding or cutting. Do not use heat or flame to remove adhesive.

<b>Bond Strength at room temperature</b>	<b>Time</b>	<b>Strength psi</b>
	10 minutes	270
	1 hour	600
	24 hours	900

## Product Features

- High-strength, permanent bonds and fast set - 75 seconds
- Interior/Exterior - Waterproof
- Adheres to Melamine, FRP, ceramics, metals and most common substrates
- Greatly reduces the need for mechanical fasteners
- Solvent free and nonflammable
- Versatile performance
- Trim & molding, chair rails, cabinetry and case goods
- Birdhouses, planters, furniture and other outdoor applications
- UV indicator for easy cleanup

## Limitations

Not for use on copper or metal alloys containing a high percentage of copper. Not for continuous submersion or use below the waterline.

## Caution Statement

**WARNING: Toxic material. Eye and skin irritant. May cause skin and lung sensitization. Caution: Contact with heated product may cause thermal burns. Always wear gloves.** Contains isocyanates. Avoid prolonged or repeated contact with skin or vapors. Do not swallow. May be harmful if swallowed. Avoid contact with eyes. **First Aid:** If swallowed, do not induce vomiting. Call physician immediately. If eye contact occurs, flush eyes with water for 15 minutes and call physician. In case of skin contact, wash skin with soap and water. Contact physician if irritation or sensitization occurs (difficult to remove cured product from skin). If inhaled, move to fresh air and contact physician. Refer to Material Safety Data Sheet for additional safety information or call 1-800-347-4583.  
**KEEP OUT OF THE REACH OF CHILDREN.**

## Ordering Information

<b>Catalog Number</b>	<b>Size</b>	<b>Units per Package</b>	<b>Packages per Pallet</b>
1321	50 gram Cartridge	10	120

**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.