



# Fusion Series 5092

## Universal Pressure Sensitive Adhesive

# Fusion Series

### DESCRIPTION:

Fusion Series 5092 Universal Pressure Sensitive Adhesive is a solvent free adhesive formulated for the installation of dimensionally stable Luxury Vinyl Tile & Vinyl Plank without attached backing, PVC and Olefin backed carpet tile, VCT, quartz tile, bio-based tile, recycled rubber, fiberglass-backed sheet flooring and vinyl backed resilient sheet flooring. This high strength adhesive is designed for installations over porous and non-porous substrates.

Fusion Series 5092 Universal Pressure Sensitive Adhesive is compliant with South Coast Air Quality Management District Rule 1168.

Fusion Series 5092 qualifies for Carpet & Rug Institute's Green Label Plus Program, which is a third party certification with the most stringent VOC regulations in the country. 100% of all raw materials used to manufacture this adhesive are extracted, processed and manufactured regionally.

### SUBSTRATE PREPARATION:

Follow flooring manufacturer's guidelines for allowable levels of concrete moisture content. Moisture tests are recommended on concrete subfloors. Concrete substrate must be cured at least 28 days, prepared in accordance with ASTM F710, and have a maximum pH not exceeding 12. All concrete slabs must have an intact vapor barrier per ASTM E1745.

### DIRECTIONS:

Refer to all manufacturer's recommendations and approvals prior to installation. **For Indoor Use Only.** For best results install at 70°F (+/- 5°) and 50% R.H. (+/- 5%). Spread adhesive using the recommended trowel or roller. **PSA Method** (Porous and Non-Porous Substrates). Recommended for LVP/LVT. Allow spread adhesive to dry for 30-60 minutes or until adhesive is clear and does not transfer to fingertips when lightly touched. Install flooring within 12 hours. Protect open adhesive from dust and debris. **Semi-Wet Set Method** (Porous Substrates Only). Will result in a permanent installation and limited repositionability. Allow spread adhesive to partially dry for 10-15 minutes, then install flooring. Working time is approximately 20-30 minutes depending upon conditions. Within 1 hour of placing flooring into the adhesive you must roll and cross roll the floor with a 100 lb. three-section roller to assure adhesive has made proper contact with the flooring.

Note: For some flooring types such as thin or glossy, best practice to prevent telegraphing is to knock down trowel ridges with a saturated roller applicator.

### RECOMMENDED APPLICATIONS:

- Residential
- Light & Heavy Commercial
- Healthcare
- Institutions

### RECOMMENDED SUBSTRATES:

- Concrete
- Portland Based Underlayments
- Properly Prepared Gypsum

- APA Approved Plywood
- Terrazzo
- Fiber Cement Underlayment
- Radiant Heated Subfloors
- Properly Prepared VCT (Single Layer)
- Properly Prepared Sheet Vinyl (Single Layer, fully adhered)

### RESTRICTIONS:

1. For interior installations only.
2. Flooring must be acclimated per manufacturer's instructions.
3. Do not install when concrete relative humidity is over 99% per ASTM F2170.
4. Do not install when MVER is over 12 lbs. per 1,000 sq. ft. per 24 hours per ASTM F1869.
5. Although 5092 is a moisture tolerant adhesive, it does not form a moisture vapor barrier and will not protect flooring from moisture damage. Use of a moisture mitigation product such as TEC® LiquiDam™ or LiquiDam EZ™ may be required for higher moisture content concrete.
6. Do not install when the pH is greater than 12.
7. Install only when the substrate temperature is between 50°F and 90°F (10°C and 32°C).
8. Do not install into wet adhesive over nonporous substrates.
9. Do not apply over adhesive residues.
10. The dimensional stability of some vinyl flooring is very sensitive to fluctuations in ambient environmental conditions. TEC Specialty Products LLC is not responsible for installation issues caused by dimensional changes in flooring.
11. It is the sole responsibility of the installer to determine the suitability and compatibility of the adhesive for the user's intended use.

### CLEAN-UP:

Remove wet adhesive immediately with a damp cloth. Use Mineral Spirits or Parabond® M-315 Cleaner to remove dried adhesive.

**CAUTION: Mineral spirits are flammable. Read and follow all precautions on container label.**

### PACKAGING:

- 1 Gallon Pail (case of 4)
- 4 Gallon Pail

### LIMITED WARRANTY:

The product(s) covered by this Product Data Sheet are sold subject to a Limited Warranty and related terms. TEC Specialty Products LLC disclaims the implied warranties of merchantability and fitness for a particular purpose and all incidental and consequential damages arising out of the sale, purchase or use of this product. For Limited Warranty details visit [parabond.com](http://parabond.com). To obtain a hard copy of the Limited Warranty call TEC Specialty Products at 800-832-9023 or mail a written request to the address in the bottom of this Product Data Sheet.



# Fusion Series 5092

## Universal Pressure Sensitive Adhesive

# Fusion Series

FLOORING	TROWEL	ESTIMATED SPREAD RATE
Non Porous Substrate	<p>U-Notch</p>	175-250 sf/gallon or 19-28 sq/yards per gallon
Porous Substrate	<p>Square-Notch</p>	125-175 sf/gallon or 14-20 sq/yards per gallon
Releasable Smooth-Backed Carpet Tile, Fiberglass-Backed Sheet, and Smooth-Backed Vinyl	<p>3/8" Nap roller</p>	250-350 sf/gallon 27-38 sq/yards per gallon <i>(If recommended spread rate is exceeded, a loss of bond may occur)</i>

Technical Data	
Base Polymer	Acrylic Polymer
Color	Light Straw
Solids	57-61%
VOC Content	<1 gram per liter
pH	7.25
Consistency	Paste
Trowelability	Light, Easy
Shelf Life	Two years in unopened container
Storage	40°-95°F
Application Temperature	50°-90°F (10°-32°C)
Traffic Restrictions	Foot traffic after 12 hours, heavy traffic after 24 for Semi-Wet Set. Light foot traffic allowed immediately after rolling, heavy traffic after 12 hours for PSA Method.
Open Time	Up to 12 hours depending on porosity and environmental conditions
Freeze Thaw Stability	5 cycles @ 20°F
Heat Weld Time	Heat weld after 4 hours (PSA installation)



TEC Specialty Products LLC  
 1105 South Frontenac Street  
 Aurora, IL 60504-6451 U.S.A.  
[tecspecialty.com](http://tecspecialty.com)