


**PARABOND®**

# Fusion Series 5092 HT (High Tack) Universal Pressure Sensitive Adhesive

## Fusion Series

### DESCRIPTION:

Fusion Series 5092 HT Universal Pressure Sensitive Adhesive is formulated for the installation of dimensionally stable LVT Tile & Vinyl Plank (including foam-backed tile and plank), carpet tile (including PVC and olefin-backed), VCT, quartz tile, bio-based tile, recycled rubber, fiberglass-backed sheet flooring and vinyl backed resilient sheet flooring. 5092 HT is CRI Green Label Plus Certified, and is SCAQMD 1168 compliant.

### 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
- Cork Underlayment
- 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 HT 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:

- 4 Gallon (15.14 L) Pail
- 1 Gallon (3.79 L) Pail

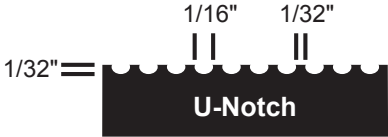
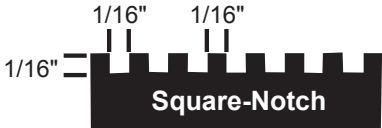
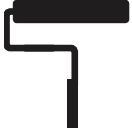
### LIMITED WARRANTY:

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.



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| 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                                                                              |
| Cushion-Backed or Fiber Glassed-Backed Sheet Vinyl / Smooth-Backed Vinyl or Non PVC Carpet Tile |  <p>3/8" Nap roller</p> | 250-350 sf/gallon<br>27-38 sq/yards per gallon<br><i>(If recommended spread rate is exceeded, a loss of bond may occur)</i> |

| Technical Data          |                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Base Polymer            | Acrylic Polymer                                                                                                                                                          |
| Color                   | Light Straw                                                                                                                                                              |
| VOC Content             | <1 gram per liter                                                                                                                                                        |
| pH                      | 7.25                                                                                                                                                                     |
| Consistency             | Paste                                                                                                                                                                    |
| 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)                                                                                                                               |



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