



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, fiberglass-backed sheet flooring and vinyl backed resilient sheet flooring. 5092 HT is CRI Green Label Plus Certified, and is SCAQMD 1168 compliant.

SUBFLOOR PREPARATION:

Follow flooring manufacturer's guidelines for allowable levels of concrete moisture content. Concrete substrate must be cured at least 28 days and prepared in accordance with ASTM F710. All concrete slabs must have an intact vapor barrier per ASTM E1745.

Moisture tests are required on concrete subfloors. Moisture testing should be performed by ASTM F2170 In Situ Relative Humidity Test with readings not to exceed 99% RH or ASTM F1869 Calcium Chloride Test with MVER not to exceed 12 lbs. per 1,000 sq. ft. per 24 hours. The maximum pH level should not exceed a reading of 12.

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. When installing over a porous substrate the flooring can be laid into wet or tacky dry adhesive. For a wet-lay installation, spread the adhesive, wait approximately 10-15 minutes to allow the adhesive to flash off. Laying in wet will allow for movement of the flooring until adhesive has set and will result in a permanent installation. Flooring will not be able to be removed without significant damage to the flooring when using the wet-set method. When installing tile or vinyl plank, it is recommended to let the adhesive become tacky dry to the touch before installing. Once the adhesive has become tacky dry, flooring should be installed within 12 hours. When using the tacky dry installation method, repositioning time will be limited. The dry time will depend on the temperature & humidity of the environment. Within 1 hour of placing the flooring into the adhesive, you MUST roll the entire installation with a 100 lb. three-section roller to assure adhesive has made proper contact with flooring.

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. H.B. Fuller Construction Products, Inc. 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. H.B. Fuller Construction Products 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. To obtain a hard copy of the Limited Warranty call H.B. Fuller Construction 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 style="text-align: center;">U-Notch</p>	175-250 sf/gallon or 19-28 sq/yards per gallon
Porous Substrate	<p style="text-align: center;">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 style="text-align: center;">3/8" Nap roller</p>	250-350 sf/gallon 27-38 sq/yards per gallon <i><u>(If recommended spread rate is exceeded, a loss of bond may occur)</u></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 wet-set. Light foot traffic allowed immediately after rolling, heavy traffic after 12 hours for dry-set.
Open Time	Up to 12 hours depending on porosity and environmental conditions
Freeze Thaw Stability	5 cycles @ 20°F

