



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.

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 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.

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. 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:

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



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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.

| 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 Glass-Backed Sheet Vinyl / Smooth-Backed Vinyl or Carpet Tile | <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 | 8.7 |
| 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 |

