



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, 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 Floor Score Certification and Carpet & Rug Institute's Green Label Plus Program. These are third party certifications 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 all manufacturer's recommendations and industry standards regarding subfloor preparation. Moisture tests are required on all concrete subfloors regardless of grade level or if the concrete is freshly poured or is classified as an older slab. Moisture testing should be performed by ASTM F1869 Calcium Chloride Tests with moisture levels not to exceed Eight (8) pounds per twenty-four (24) hours per one thousand (1000) square feet, or ASTM F2170 In Situ Relative Humidity Test with readings not to exceed Ninety (90) percent on existing slabs. **New Construction Projects or Green Slabs** can have a Moisture Vapor Emission Rate of up to Ten (10) pounds per twenty-four (24) hours per one thousand (1000) square feet or Ninety-Nine 99% when tested in accordance with ASTM F2170. All substrates should be prepared in accordance with ASTM F710. The maximum pH levels should not exceed a reading of 11.

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 6-8 hours. 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
- Properly Prepared Gypsum
- APA Approved Plywood
- Advan Tech
- 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. Do not install when MVER is over 10 lbs. per 1,000 sf per 24 hours, per ASTM F1869.
3. Do not install when relative humidity is over 99%, per ASTM F2170.
4. Do not install when ambient temperature is not between 60°F & 95°F.
5. The dimensional stability of some vinyl flooring products is very sensitive to fluctuations in ambient environment conditions. Royal Adhesives and Sealants is not responsible for installation issues caused by dimensional changes in flooring.
6. Although 5092 is a moisture tolerant adhesive, it does not form a moisture vapor barrier and will not protect flooring from moisture damage. Please refer to flooring manufacturer's guidelines.
7. 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.**





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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. 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		175-250 sf/gallon or 19-28 sq/yards per gallon
Porous Substrate		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		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
Solids	57-61%
VOC Content	<1 gram per liter
pH	8.7
Consistency	Paste
Trowelability	Light, Easy
Shelf Life	One Year in Unopened Container
Storage	40°-95°F
Application Temperature	60°-95°F (15°-35°C)
Traffic Restrictions	Foot Traffic after 12 hours, Heavy Traffic after 24 for Wet-Set. Foot Traffic after 4 hours and Heavy Traffic after 12 Hours for Dry-Set.
Open Time	6-8 hours
Freeze Thaw Stability	5 cycles @ 20°F

