



Signature Series 5080 Pressure Sensitive Adhesive

Signature Series

DESCRIPTION:

Signature Series 5080 Pressure Sensitive is a premium acrylic emulsion, with excellent performance and environmentally friendly features. 5080 is releasable, non-flammable, non-hazardous and water resistant. It provides a strong, long lasting bond. 5080 is designed for the installation of dimensionally stable vinyl-backed carpet tiles and vinyl tile & vinyl plank in a releasable application. This adhesive can also be used to install cushion to recommended substrates in double glue down applications. Due to its pressure sensitive characteristics, 5080 eliminates concern about installing a non-porous backed floor covering over a non-porous substrate.

Signature Series 5080 is Floor Score Certified and also qualifies for the Carpet & Rug Institutes Green Label Plus Program. This is a third party certification with the most stringent VOC regulations in the country.

SUBFLOOR PREPARATION:

5080 can be used over all grade levels of concrete in the absence of excessive moisture and alkalinity. Moisture tests are required on all concrete subfloors regardless of grade level 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 Five (5) pounds per Twenty-Four (24) hours per one thousand (1000) square feet or ASTM F2170 In Situ Relative Humidity Test with moisture levels not to exceed eighty (80) percent on existing slabs. New Construction Projects, or Green slabs can have a Moisture Vapor Emission Rate per ASTM F1869 of up to Eight (8) pounds per Twenty-Four (24) hours per one thousand (1000) square feet or 90% when tested in accordance with ASTM F-2170. Additional information with regard to these tests and results can be obtained through Royal's Technical Service Department.

VINYL TILE/PLANK / CARPET TILE DIRECTIONS:

1. Refer to all manufacturers' recommendations prior to installation to determine suitability of all materials to be used, approved substrates, subfloor preparation, etc.
2. Subfloor must be clean, dry, smooth and free of any contamination, which may interfere with the adhesive bond.
3. Where subfloor is extremely porous, adhesive absorption may be in question, therefore it is recommended that the subfloor be primed with Parabond® M-620 Primer.

4. Refer to all floor-covering manufacturers' recommendations regarding layout, cutting, seaming and maintenance.
5. Spread adhesive using appropriate trowel (Rough or overly porous substrates could require the use of a 1/16" square notch trowel with tile or plank). Use the dry installation method in "tile over tile" applications and for situations requiring a releasable installation (carpet tile, double stick). If carpet tiles are installed "wet", a permanent bond may result.
6. Roll floor covering as per manufacturers' recommendations. Typical applications require rolling with a 100 lb 3-section roller in both directions immediately after flooring is placed.
7. Do not wet clean floor covering for a minimum of 14 days. This will allow the adhesive to properly cure.
8. Once adhesive turns clear, floor covering must be placed within 2-4 hours MAXIMUM with carpet tiles and within 2 hours for vinyl plank.

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. Refer to flooring manufacturer for recommendation.
2. For interior installations only.
3. Do not install over adhesive residue including cutback.
4. Do not install when MVER is over 8 lbs per 1,000 sf per 24 hours, per ASTM F1869.
5. Do not install when relative humidity is over 90%, per ASTM F2170.
6. Do not install when ambient temperature is not between 60°F & 95°F.
7. Do not install when ambient relative humidity is above 65%.
8. The dimensional stability of some vinyl flooring products is very sensitive to fluctuations in ambient environment conditions. Royal Adhesives & Sealants is not responsible for installation issues caused by dimensional changes in flooring.



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9. It is the sole responsibility of the installer to determine the suitability and compatibility of the adhesive for the user's intended use.

CUSHION-BACKED VINYL / SMOOTH-BACKED CARPET TILE: For a releasable installation apply the adhesive to the substrate using a 3/8" short nap roller in a full spread installation (250-350 sf/gal spread rate). Do not apply adhesive in a perimeter installation. Allow the adhesive to set dry with no transfer to the finger, tacky condition before installing sheet vinyl.

PACKAGING:

- One 4 Gallon Pail
- Four x 1-Gallon Case

CLEAN-UP:

Remove wet adhesive immediately with a damp cloth. Use Mineral Spirits or M-315 Cleaner to remove dried adhesive. **CAUTION: Mineral Spirits are flammable. Read and follow all precautions on container label.**

WARRANTY:

Royal Adhesives and Sealants offers a limited warranty for this product when used in accordance with printed specifications. A copy of the limited warranty can be obtained by calling technical service at 800 763-7272 or visiting www.parabond.com.

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FLOORING	TROWEL	ESTIMATED SPREAD RATE
Vinyl Backed Carpet Tile / Non PVC Carpet Tile		<p>250-300 sf/gallon 27-33 sq/yards per gallon</p>
Cushion-Backed or Fiber Glassed-Backed Sheet Vinyl / Smooth-Backed Vinyl or Non PVC Carpet Tile		<p>250-350 sf/gallon 27-38 sq/yards per gallon</p> <p><i>(If recommended spread rate is exceeded a loss of bond may occur)</i></p>
Vinyl Tile & Plank		<p>160-180 sf/gallon 18-20 sq/yards per gallon</p>



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Technical Data	
Base Polymer	Acrylic
Color	White
Solids	59%-61%
VOC Content	6 gram per liter
pH	7.3
Consistency	Fluid Paste
Trowelability	Light, Easy
Shelf Life	Two Year in Unopened Container
Storage	40°-95°F
Application Temperature	65°-95°F (18°-35°C)
Traffic Restrictions	Foot Traffic immediately after rolling, Heavy traffic 12 Hours
Open Time	Up to 4 hours depending on ambient conditions
Drying Time	45-60 minutes depending on ambient conditions
Freeze Thaw Stability	5 cycles @ 20°F



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