



# Signature Series 4094

## Premium Multi-Purpose Adhesive

# Signature Series

### DESCRIPTION:

Signature Series 4094 Premium Multi-Purpose Adhesive is a quick grabbing adhesive designed for installing carpet in a direct glue down or double glue down application and installing fibrous felt back sheet flooring. It is recommended for the installation of the following carpet backings: Action-Bac, Sponge-Rubber, Latex Unitary, High Density Foam, Latex Foam, and the majority of carpet backings found in the market place today. **Signature Series 4094 IS NOT APPROVED FOR USE WITH CARPET WITH AXMINSTER BACKING (refer to Signature Series 4099 & DS 902).** It is not recommended for vinyl-backed carpet, cushion backed vinyl, urethane unitary backed carpet, outdoor applications or where excessive moisture or hydrostatic pressure is present.

While the adhesive is designed to meet the challenges of poorly ventilated areas, sufficient air exchanges are still required to ensure proper curing of any latex-based adhesive.

Signature Series 4094 Adhesive, manufactured by Royal, is LEED compliant and is also compliant with South Coast Air Quality Management District Rule 1168.

Signature Series 4094 also qualifies for the Carpet & Rug Institute's Green Label Plus Program. This 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 all manufacturer's recommendations and industry standards regarding subfloor preparation. Moisture tests are required on all concrete subfloors regardless of grade level, if freshly poured or 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. Additional information with regard to these tests and results can be obtained through Royal's Technical Service Department.

### INSTALLATION DIRECTIONS:

1. Subfloor must be clean, dry, smooth and free of any contamination, which may interfere with the adhesive bond. Seal all chalky, very porous floors with PARABOND® M-620.

2. Follow floor covering manufacturer's recommendations regarding layout, cutting, seaming and maintenance.
3. While the adhesive is designed to meet the challenges of poorly ventilated areas, sufficient air exchanges are still required to ensure proper curing of any latex-based adhesive.
4. Spread adhesive with the recommended notched trowel leaving ridges of sufficient height to establish complete transfer to back of floor covering. Trowel sizes may need to be adjusted due to subfloor porosity, floor covering backing and open time requirements.
5. Lay most floor coverings into adhesive within 30 minutes. Lift floor covering periodically to check adhesive transfer to the backing. 100% adhesives transfer is required to promote maximum adhesive bond.
6. Roll carpet using the floor covering manufacturer's recommended roller shortly after installation. Seams require seam sealing using PARABOND® M-4263.
7. Follow the Carpet and Rug Institute's CRI 104 and/or CRI 105 where applicable.

### 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. Do not use to install any vinyl or PVC flooring.
2. For Interior installations only.
3. Do not install over adhesive residue including cutback.
4. Do not install when MVER is over 5 lb's per 1,000 sf per 24 hours, per ASTM F1869.
5. Do not install when relative humidity is over 80%, per ASTM F 2170.
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. It is the sole responsibility of the installer to determine the suitability and compatibility of the adhesive for the user's intended use.



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**PACKAGING:**

- One -4 Gallon Pail

**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](http://www.parabond.com).

**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.**

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FLOORING	TROWEL	ESTIMATED SPREAD RATE
Moderate Backed Carpet		10-12 sq/yards per gallon
Heavy Backed Carpet		6-10 sq/yards per gallon
Felt Backed Sheet Flooring (Porous)		18-20 sq/yards per gallon
Felt Backed Sheet Flooring (Non-Porous)		20-23 sq/yards per gallon
Carpet to Cushion in Double Stick		5-8 sq/yards per gallon



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