



# Signature Series DS 902 Dubl-Stik Adhesive

## Signature Series

### DESCRIPTION:

Signature Series DS 902 is a non-flammable, premium grade latex adhesive specially designed for installing most carpet and fibrous backed resilient floor covering in residential and heavy commercial applications. With out-standing green-strength and leg development, it is non-staining, and has excellent long-term aged adhesion. Choose this adhesive for your more difficult jobs such as latex unitary, ActionBac®, Unibond and woven polypropylene or Axminster. Signature Series DS 902 can also be used to install urethane-backed carpeting, Accu-Bac®, Dura-Foam® and the Enhancer® products. 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 DS 902 Adhesive, manufactured by Royal, is LEED compliant and is also compliant with South Coast Air Quality Management District Rule 1168.

Signature Series DS 902 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. 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.



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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 & 105 where appropriate

### **DOUBLE GLUE DOWN DIRECTIONS:**

Refer to all manufacturer's recommendations and guidelines prior to installation to determine that all materials are recommended and can be used in a direct or double glue down application. For indoor use only. For best results, install at 70°F and 50% R.H.

1. Install cushion following all cushion manufacturer's recommendations.

2. For pad to subfloor apply Parabond Signature Series 5080 Pressure Sensitive Adhesive with a fine-notched trowel or roller coat using a short nap paint roller. Some cushions and applications may require a permanent type adhesive between cushion and floor. Spread DS 902 using a minimum 1/16" square notch trowel when a permanent bond is required. Some cushions may require a larger notched trowel.

3. Precut carpet according to carpet mill's instructions and guidelines.

4. For carpet to pad apply DS 902 to top of cushion using a 1/8" x 1/8" x 1/16" U-notch trowel. Use a 3/16" notched trowel for stiff or heavy textured backings.

5. Lay carpet into adhesive when the adhesive has flashed off most of its moisture and become "leggy".

6. Use a carpet core or lightweight roller to roll carpet into adhesive.

7. Seal all seams with Parabond M-4263 Solvent Free Universal Seam Sealer, following carpet manufacturer's instructions.

8. Allow installation to set for a minimum of 24 hours before allowing traffic, and 30 days before cleaning.

### **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 lbs 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%.

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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# Signature Series DS 902 Dubl-Stik Adhesive

**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 Direct Glue Down	<p>1/8" x 1/8" x 1/8" V</p>	10-12 sq/yards per gallon
Heavy Backed Carpet Direct Glue Down	<p>1/8" x 1/8" x 1/8" U</p>	6-10 sq/yards per gallon
Cushion to Substrate	<p>1/16" x 1/16" x 1/16" SQ</p>	18-20 sq/yards per gallon
Carpet to Cushion in Double Stick	<p>1/8" x 1/8" x 1/16" U</p>	5 sq/yards per gallon



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Technical Data	
Base Polymer	SBR
Color	Tan
Solids	65%-67%
VOC Content	<1 gram per liter
pH	10.3
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 after 12 hours, Heavy Traffic after 24
Open Time	45-60 minutes depending on ambient conditions
Freeze Thaw Stability	5 cycles @ 20°F



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