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## Technical Data Sheet

### **Premium Multipurpose Adhesive 1000**

#### **Chemical Composition:**

Compounded SBR latex, petroleum hydrocarbon resin mixture.

#### **Appearance:**

Tan colored aqueous paste.

#### **Product Description/Applications:**

Premium Multipurpose Adhesive 1000 is a high strength, fast-setting, low VOC adhesive designed for use with most carpet backings. This water-based premium adhesive has low odor and “zero” calculated VOC’s (based on no solvents used) which makes it ideal for use anywhere odor is a concern. This adhesive is made with antimicrobial additives, including *Intersept®*.

Premium Multipurpose Adhesive 1000 is designed for the installation of broadloom carpets such as Bentley Mills and Prince Street. It is recommended for use over concrete, plywood (APA grade), hardwood and over vinyl composition tile.

#### **Use:**

Premium Multipurpose Adhesive 1000 is designed for the installation of the broadloom carpets and sheet vinyl. It is recommended for use over plywood (APA grade), hardwood, concrete (see moisture test for concrete), and vinyl composition tile. Premium Multipurpose Adhesive 1000 is guaranteed for the life of the floorcovering. Premium Multipurpose Adhesive 1000 is especially valuable for specification work since it tests below the VOC emissions limits of ASTM D-5116-97, and meets or exceeds California requirements as specified in Rules 102 and 443, as well as California SCAQMD Rule 1168. This adhesive is approved by the Carpet & Rug Institute – carries the CRI Green Label.

#### **Application Instructions:**

It is important that all materials to be used in the installation be preconditioned at a temperature between 65° and 95° F and with relative humidity readings between 10% and 65%. See carpet manufacturer’s installation instructions and CRI 104 Standard.

Any sub-floor onto which carpet is to be installed should be carefully inspected to assure that proper bonding of the carpet to the floor could be achieved. Proper adhesion requires that the surface be clean, dry, and free from dust, paint, old floor finishes, or any foreign material.

Select the appropriate trowel as specified in the following table and spread adhesive evenly and uniformly using care to leave ridges so that 100% transfer is possible. Note that trowel notches will wear upon use, and trowels must be re-notched or replaced periodically. A worn trowel will apply less adhesive which will result in carpet delimitation from the substrate.

The time between application of the adhesive and the application of the carpet will vary according to temperature of the sub-floor, porosity of the sub-floor, temperature of the air and components, relative

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humidity, as well as dryness of the floor and thickness of the adhesive application. Normal “open time” is expected to be between 40 minutes to one hour.

Once the adhesive has become “tacky” to the touch, the carpet should be laid into the adhesive and rolled with the lightest roller that will accomplish 100% transfer of the adhesive to the carpet backing. Normally a 30 to 50 pound roller is sufficient if done within two hours of the application. “Tackiness” can be determined by touching the adhesive with a bare finger. When adhesion begins to develop, small narrow bands of adhesive, “legs”, will develop between the adhesive layer and the finger. The newly installed carpet should remain free of traffic for at least 48 hours.

**Trowel Recommendations:**

Manufacturer	Backing Type	Trowel (inches) Recommendation	Spread Rate (yds <sup>2</sup> ./gal.)
Bentley	High Performance	1/8 x 1/8 x 1/8 V	15 (approx.)
Bentley	Action Bac	1/8 x 1/8 x 1/8 V	15 (approx.)
Bentley	Performance Plus	1/8 x 1/8 x 1/16 V	12 - 15
Bentley	Moisture Plus	3/32 x 3/32 x 3/32 V	10 - 15
Bentley	Prestige Plus	1/8 x 1/8 x 1/16 V	10 - 15
Bentley	Double Glue (pad to floor)	1/8 x 1/8 x 1/8 V	15 (approx.)
Bentley	Double Glue (carpet to pad)	1/8 x 1/16 x 1/8 U	5 - 7
Prince Street	BackBone	1/8 x 1/8 x 1/16 V	10 - 15
Prince Street	AceBac	1/8 x 1/8 x 1/16 V	10 - 15
Prince Street	HDR Secondary	1/8 x 1/8 x 1/8 V	10 - 15
Prince Street	Double Glue (pad to floor)	1/8 x 1/8 x 1/8 V	15 - 20
Prince Street	Double Glue (carpet to pad)	1/8 x 1/16 x 1/8 U	5 - 7

*Spread Rates will be less if the adhesive is applied over a rough surface such as old adhesive.*

**Use Over:**

**Wood:** Flooring grade plywood, or hardwood installed to manufacturer’s specification.

**Concrete:** Concrete floors must be tested for and be in compliance with carpet manufacturer’s specifications for moisture vapor emissions; also, do not apply if the pH of the concrete is less than 7.0 or greater than 9.0.

**Metal:** Surface must be cleaned of oil, grease, dirt, rust or other contaminants

**Terrazzo, Ceramic, Marble Slate:** Patch and fill cracks and irregularities with Ardex Portland cement-based latex patching compound. Not recommended for application over old cut-back or bituminous or petrochemical based adhesives. Use barrier coatings, such as Protector Primer-Barrier Coating 3300, available from Re:Source Technologies, if application is desirable.

Contact Ardex, Inc. (412) 264-4240 for detailed product recommendations, job site support and installation instructions for Ardex Portland cement-based latex filling, leveling and patching compounds.

**Cleanup:**

Cleanup of tools and equipment may be accomplished using soap and water if the adhesive is in the wet state. However, dried or tacky adhesive will require safety solvent.

**Storage:**

Storage is best in a cool, dry area away from heat sources. Do not allow adhesive to freeze.

Disclaimer: The information and statements herein are believed to be reliable, but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or product referred to herein. No warranty of fitness for a particular purpose is made. Rev. 05/21/07jl