



# 440 ULTRA-PREMIUM MULTI-PURPOSE ADHESIVE

Divergent 440 Ultra-Premium Multi-Purpose Adhesive is a solvent free, non-flammable, freeze-thaw stable adhesive that is designed for many types of flooring installation, including the heaviest commercial applications. Recommended for the following carpet backings: woven, axminster, woven polypropylene (ActionBac), polyurethane foam, jute, rubber and needlepunch. With its extended working time, it is the installers choice for double glue and pattern matching applications. **DO NOT USE with any flooring that has a vinyl back or exterior applications.**

**Packaging: 4 gallon pail**



## Key Features

- > Zero VOC's
- > Solvent free
- > Moisture resistant up to 95% RH or 10 lbs. MVER
- > CRI Green Label Plus Certified



OUR EXPERIENCE ENSURES YOUR SUCCESS

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## COVERAGE

Flooring	Trowel Recommendation	Approximate Spread Rate
<b>Woven polypropylene, Woven and Axminster Direct Glue Down</b>	1/8" x 1/8" x 1/8" U Notch	6-10 yd <sup>2</sup> / Gallon*
<b>Attached cushioned or smooth backed carpets</b>	3/32" x 3/32" x 3/32" V Notch	10-15 yd <sup>2</sup> / Gallon*
<b>Unitary and Double Glue (carpet to cushion)</b>	1/8" x 3/16" x 1/8" U Notch	5-7 yd <sup>2</sup> / Gallon*
<b>Felt backed vinyl flooring</b>	1/16" x 1/16" x 1/16" Square Notch	125-150 ft <sup>2</sup> / Gallon* 18-20 yd <sup>2</sup> / Gallon*

\*Spread rate will vary based on substrate texture and absorption rate, trowel angle and other factors. Use this chart as a reference only.

## APPROVED SUBSTRATES

- › Concrete
- › APA rated plywood
- › Portland based underlayment
- › Terrazzo
- › Properly prepared gypcrete / lightweight concrete
- › Radiant heated floors
- › Single layer of approved, fully adhered resilient flooring

## SUBSTRATE PREPARATION

All substrates should be prepared in accordance with flooring manufacturers guidelines and/or ASTM F710. Moisture tests are required on all concrete subfloors regardless of age or elevation. Moisture testing must be performed in accordance with the most current ASTM F1869 Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride, with levels not to exceed 10 lbs. per 24 hours per 1000 sf and ASTM F2170 Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes with readings not exceeding 95%. For double glue down applications, all cushion must be approved for each specific application.

## STORAGE

Protect adhesive from freezing. Store material in temperature-controlled buildings.

## SHELF LIFE

Unopened packaging stored in proper conditions have a shelf life of 2 years.

## WARRANTY

Divergent Adhesives LLC. Offers a limited liability warranty for this material when used in accordance with the label and TDS.

## TECHNICAL DATA

Base Polymer	Latex-Resin Emulsion
Color	Yellow-Tan
Shelf Life	2 years in unopened container
Application Temp. Range	60°-95° F
VOC Content	Zero

\*\*Keep the adhesive clean and free from debris during installation.

## INSTALLATION INSTRUCTIONS

Subfloor must be clean, dry, smooth and free of any contamination which may interfere with the adhesive bond. Always follow the floor manufacturer's installation instructions in regards to layout, cutting and seam treatment. Spread the adhesive using the recommended trowel from the chart above. Flooring materials, Adhesive and other "sundry" products should be stored in an acclimated environment that meets the flooring manufacturers guidelines. Lay most floor coverings into adhesive within 30 minutes. This Ultra Premium Adhesive has an extended open time to ensure the installer has plenty of time to align the seams. Follow the Carpet & Rug Institutes CRI 104 and 105 where appropriate. Spread adhesive, with the recommended notched trowel, leaving ridges of enough 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. Seal seams and edges with an approved seam adhesive. Once the flooring has been installed, it must be rolled using a 100 lb. 3-section roller, in both directions. For double glue down applications, a smaller roller will be required. Check with manufacturer for guidelines.

For Technical Support contact your local Divergent Adhesives Sales Manager or call 407-383-6446.

## RESTRICTIONS

1. Refer to flooring manufacturer for recommendation.
2. Do not use with any vinyl or pvc flooring.
3. For interior installations only.
4. Do not install when MVER is over 10 lbs. per 1,000 sf per 24 hours per ASTM F1869.
5. Do not install when Relative Humidity is over 95% when tested in accordance with ASTM F2170.
6. It is the sole responsibility of the installer to determine the suitability and compatibility of the adhesive for the intended application.

## CLEAN UP

Fresh adhesive can be cleaned up using water and a clean cloth, dried adhesive will require the use of mineral spirits or other clear solvent.