524 PRESSURE SENSITIVE ADHESIVE

Divergent 524 Pressure Sensitive Adhesive is a solvent free, non-flammable, freeze-thaw stable adhesive designed for the installation of vinyl tile, vinyl plank along with both vinyl backed and non-vinyl backed carpet tiles. Divergent 524 can also be used for the installation of cushion backed vinyl flooring and approved cushions in a double glue down application.

Packaging: 4 gallon pail and 1 gallon pail

95%
8 lbs

Key Features

- Dries fast
- Solvent free
- Extended working time of up to 4 hours
- Moisture resistant up to 95% RH and 8 lbs. MVER

OUR EXPERIENCE ENSURES YOUR SUCCESS

1-877-458-3833 · 1-877-GLU-DUDE · sonny@divergentadhesives.com · divergentadhesives.com

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564 PRESSURE SENSITIVE ADHESIVE

COVERAGE

Flooring	Trowel Recommendation	Approximate Spread Rate
Smooth backed carpet tile	1/16" x 1/32" x 1/32" or 3/8" short nap roller	200-225 ft^2 / Gallon 250-300 ft^2 / Gallon
Fiberglass backed sheet	1/16" x 1/32" x 1/32" or 3/8" short nap roller	200-225 ft^2 / Gallon 250-300 ft^2 / Gallon
Rough backed carpet tile	1/16" x 1/16" x 1/16" Square Notch	150-200 ft^2 / Gallon
Vinyl Tile and Plank Flooring with or without attached cushion	1/16" x 1/32" x 1/32" or 3/8" short nap roller	200-225 ft^2 / Gallon 250-300 ft^2 / 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
- Portland based underlayment
- Properly prepared gypcrete / lightweight concrete
- APA rated plywood
- Terrazzo
- 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 8 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 %.

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	Acrylic
Color	White
Shelf Life	2 years in unopened container
Application Temp. Range	60°-95° F
Dry Time	Dries to no transfer in 30 minutes*
Open Time	Up to 4 hours**
VOC Content	0 grams / Liter

*Ambient temperature and humidity will greatly affect the dry time of the adhesive.

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

INSTALLATION INSTRUCTIONS

All subfloor preparation instructions from the flooring manufacturer and current industry standards must be followed. Moisture testing is required on all concrete subfloors, regardless of grade level or if the concrete is freshly poured or is classified as an older slab. All moisture testing should be performed using the most up to date ASTM F1869 Anhydrous Calcium Chloride and ASTM F2170.

Spread the adhesive using the recommended trowel from the chart above. For a releasable application, allow the adhesive to flash off for 30-40 minutes until there is no transfer of adhesive to your finger. The adhesive will turn from white to clear. Once there is no transfer and the adhesive is clear, you can safely apply flooring for up to 4 hours. Ambient temperature and humidity will greatly affect the dry time of the adhesive. It is the responsibility of the installer to note when the adhesive is ready to receive flooring. Once the flooring has been installed, it must be rolled using a 100 lb. 3-section roller, in both directions.

For Technical Support contact your local Divergent Adhesives Sales Manager or call 1-877-GLU-DUDE (1-877-458-3833).

RESTRICTIONS

1. Refer to flooring manufacturer for recommendation.
2. For interior installations only.
3. Do not install when MVER is over 10 lbs. per 1,000 sf per 24 hours per ASTM F1869.
4. Do not install when Relative Humidity is over 99% when tested in accordance with ASTM F2170.
5. 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.

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