



# MODIFIED PRESSURE SENSITIVE ADHESIVE 574

## DESCRIPTION

Divergent Modified Pressure Sensitive Adhesive (MPSA) is a solvent free, non-flammable, freeze-thaw stable adhesive specifically designed for the installation of both vinyl backed and non-vinyl backed resilient flooring. Divergent MPSA can be used for the installation of Luxury Vinyl Tile, vinyl plank, both heterogeneous and homogeneous sheet & tile, fiberglass backed sheet, VCT and rubber flooring. This adhesive has high shear strength, fast dry times and low VOC's. This adhesive has aggressive tack when it dries **or** it can be used as a wet-set adhesive for a permanent installation.

### Key Features

- › High solids
- › Dries fast
- › Solvent free
- › Moisture resistant
- › Extended working time of up to 6 hours
- › Moisture resistant up to 95% RH and 10 lbs. MVER

### Packaging

- › 4 Gallon Pail
- › 1 Gallon Pail

### Coverage



Flooring	Trowel Recommendation	Approximate Spread Rate
<b>Vinyl Tile / Plank</b> Porous & non-porous substrate	1/16" x 1/32" x 1/32"	200-225 ft <sup>2</sup> / Gallon*
<b>Fiberglass backed sheet</b> Porous & non-porous substrate	1/16" x 1/32" x 1/32"	200-225 ft <sup>2</sup> / Gallon*
<b>Vinyl sheet flooring</b> Porous & non-porous substrate	1/16" x 1/32" x 1/32"	200-225 ft <sup>2</sup> / Gallon*
<b>Rubber sheet / Tile**</b> Porous & non-porous substrate	1/16" x 1/32" x 1/32"	200-225 ft <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.

\*\*requires adhesive transfer to the flooring.

### 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 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%.

### 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.

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## TECHNICAL DATA

Base Polymer	Acrylic
Color	Tan
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 6 hours**
VOC Content	7 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 Relative Humidity standard.

Spread the adhesive using the recommended trowel from the chart above. For a releasable application, allow the adhesive to flash off for 20-30 minutes until there is no transfer of adhesive to your finger. The adhesive will turn from tan to clear. Once there is no transfer, and the adhesive is clear, you can safely apply flooring for up to 6 hours. Ambient temperature and humidity will greatly affect the dry time of the adhesive. For a permanent installation lay flooring into the adhesive after a 5-10 minute open time. Once the adhesive transfers to the backing of the flooring, it will no longer be releasable. 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 407-383-6446.

## 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 95% 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.

## WARRANTY

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



## OUR EXPERIENCE ENSURES YOUR SUCCESS

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