



TimberRigid AF

DESCRIPTION

Divergent's Timber Adhesive Family (TAF) offers a variety of solutions for your wood floor installation needs. TimberRigid AF adhesive is a urethane adhesive designed for use with all types of wood flooring designed for a glue down installation. This adhesive was designed for the installer in mind, it is easier to trowel than traditional urethane adhesives and has exceptional green grab, it changes the way wood flooring is installed. Its green grab helps reduce any board slippage during installation. TimberRigid AF holds its trowel ridge better than any other product on the market, this minimizes hollow spots and reduces call backs. Approved for use with reground rubber underlayment / flooring and cork underlayments. Moisture levels must not exceed 8 lbs when tested in accordance with the latest revision of ASTM F1869 and 85% when test in accordance with the latest version of ASTM F2170.

Packaging

- › 4 Gallon Pail

Coverage



Flooring	Trowel Recommendation	Approximate Spread Rate
Finger Block Parquet	1/8" x 1/8" x 1/8" Square notch	70-80 ft ² / Gallon*
Wood Flooring <1/2" Thick	3/16" x 1/4" x 1/2" U Notch	60-70 ft ² / Gallon*
Wood Flooring 1/2" – 5/8" Thick	1/4" x 1/8" x 1/4" Square notch	40-50 ft ² / Gallon*
Wood Flooring >5/8" Thick	1/4" x 1/4" x 1/4" Square notch	30-40 ft ² / Gallon*
Reground rubber underlayment / flooring and cork underlayment	1/16" x 1/16" x 1/16" Square notch	125-150 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 and ASTM F2170 Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes. This adhesive will *always* tolerate more moisture than the wood flooring. ALWAYS refer to the wood flooring guidelines for moisture guidelines. **This adhesive provides no moisture protection and will not reduce MVER.**

Storage

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

Shelf Life

Unopened packaging stored in proper conditions has a shelf life of 1 year.

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TECHNICAL DATA

Base Polymer	Urethane Adhesive
Color	Gray
Shelf Life	1 year in unopened container
Application Temp. Range	65°-95° F
VOC Content	<100 grams / liter
After Installation	Foot traffic allowed after 8 hours, heavy traffic or furniture 24 hours
Working Time	Typically up to 45 minutes depending on ambient conditions

*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

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. Refer to wood flooring manufacturer for moisture guidelines.

Spread adhesive, with the recommended notched trowel, leaving ridges of enough height to establish complete transfer to back of the wood floor covering. Trowel sizes may need to be adjusted due to subfloor porosity, floor covering backing and open time requirements. Only spread enough adhesive than can be covered in 45 minutes. TimberRigid AF is a wet-set adhesive, wood flooring must be placed into the adhesive while it is still wet. Adhesive transfer to the back is required. If the adhesive has "skinned" over, the adhesive must be scraped up and re applied. Each manufacturer will have their own specific guidelines for installation that must be followed. 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. Do not use with any vinyl or pvc flooring.
3. For interior installations only.
4. It is the sole responsibility of the installer to determine the suitability and compatibility of the adhesive for the intended application.

CLEAN UP

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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