



752 Premium Transitional Vinyl Adhesive

1. PRODUCT NAME

TEC® 752 Premium Transitional Vinyl Adhesive (752)



2. MANUFACTURER

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3. DESCRIPTION

TEC® 752 Premium Transitional Vinyl Adhesive is a solvent free, acrylic latex adhesive, with an aggressive initial tack, formulated for the installation of LVT, plank and fiberglass back sheetgoods. This high strength adhesive is made for installations over porous and non-porous substrates. TEC® 752 adhesive is CRI Green Label Plus certified, is SCAQMD 1168 compliant and contributes to LEED®.

Key Features and Benefits

- ASTM F2170 relative humidity up to 86%
- ASTM F1869 calcium chloride up to 8 lbs. (3.63 kg)
- Ideal for LVT, plank and fiberglass back sheetgoods
- Extended open time
- Excellent resistance to moisture and plasterizer migration
- Solvent free
- LEED® Compliant (VOC 0 g/L) and CRI Green Label Plus Certified

Packaging

4 gallon plastic pails (15.13 L)

Product #7047291311

Coverage

Determine recommended trowel size based on flooring type. Coverage will vary with the absorption of substrate and trowel size. Figures below are presented only as guidelines.

Flooring Type	Recommended Trowel Size	Approximate Coverage
Porous substrate	1/16" x 1/16" x 1/16" (1.6 x 1.6 x 1.6 mm) V-notch trowel	150-175 sq. ft./gal. (14-16 m ² /3.78 L)
Non-porous substrate	1/32" x 1/16" x 1/32" (0.8 x 1.6 x 0.8 mm) Fine notch trowel	250-300 sq. ft./gal. (23-28 m ² /3.78 L)

Suitable Substrates

When properly prepared, suitable substrates include:

- Concrete (all grade levels)
- Underlayment grade plywood
- Hardboard

Substrate Preparation

Floor must be clean, smooth, dry, and free of any foreign matter that would interfere with a good bond. Fill all cracks and depressions with a suitable cement-based floor patch.

Moisture Test: Concrete moisture testing must be performed in accordance with ASTM F1869 with levels not to exceed 8 lbs./1000 ft²/24 hrs. (3.63 kg/93 m²/24 hrs.) and/or ASTM F2170 with levels not to exceed 86% over newly poured concrete, with declining moisture values, and a vapor barrier beneath the slab.

For concrete with a prior history of uncorrected moisture conditions or problems involving higher moisture levels, treat the concrete with one of the following TEC® brand moisture mitigation solutions:

TEC® LiquiDam™ - apply per PDS instructions and allow to cure. Once cured, apply TEC® Multipurpose Primer followed by application of a minimum 1/8" thickness of the appropriate TEC® cementitious floor patch. If thicker cementitious smoothing and leveling is needed, install a TEC® self-leveling underlayment over the primed LiquiDam™. If the concrete is smooth and level enough to accept vinyl flooring and does not require a cementitious underlayment, TEC® 752 Premium Transitional Vinyl Adhesive may be applied directly to the cured LiquiDam™ surface.

TEC® LiquiDam EZ™ - apply per PDS instructions and allow to dry. Apply a minimum 1/8" thickness of an appropriate TEC® cementitious floor patch directly over the LiquiDam EZ™ (no primer required). If thicker cementitious smoothing and leveling is needed, install a TEC® self-leveling underlayment directly over the LiquiDam EZ™ (no primer required). If the concrete surface is smooth and level enough to accept vinyl flooring, a minimum 1/8" thickness of TEC® cementitious floor patch must still be installed over LiquiDam EZ™ prior to application of the TEC® 752 Premium Transitional Vinyl Adhesive.

Alkalinity Test: Concrete alkalinity testing must be performed in accordance with ASTM F710. A pH range of 7-9 is satisfactory for this adhesive. Confirm the acceptable range for the flooring per the manufacturer's guidelines. A reading outside of either range requires corrective measures before flooring installation. Always follow flooring manufacturer's guidelines for acceptable levels of alkalinity for the vinyl flooring.

Porosity Test: Substrate porosity testing must be performed in accordance with ASTM F3191. First prepare the substrate to a clean, sound condition, free of any matter that would interfere with a good bond. To test porosity, place a drop of water on the substrate surface in several places; if the water is absorbed into the surface within 60 seconds, the surface is porous; if not, the surface is nonporous. If the water is absorbed into the surface in less than 10 seconds, an application of TEC® Multipurpose Primer is mandatory before the application of adhesive because the substrate is very porous. Follow PDS instructions for the primer application, then follow the specific adhesive installation instructions listed below.

Storage

Protect adhesive from freezing.

Shelf Life

Maximum of 1 year from date of manufacture in unopened container.

Limitations

- All traffic must be restricted for 24 hours after installation.
- No heavy traffic, rolling loads or furniture placement for 72 hours after installation.
- Do not use when ambient or surface temperatures are below 60°F.
- Interior use only.

Cautions

Read complete cautionary information printed on product container prior to use. For medical emergency information, call 1-888-853-1758.

This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about and guidelines for the proper use and application of the covered TEC® brand product(s) under normal environmental and working conditions. Because each project is different, H.B. Fuller Construction Products Inc. cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

4. TECHNICAL DATA

Physical Properties

TEC® 752 Premium Transitional Vinyl Adhesive (752)	
Description	
Base	Acrylic latex
Physical State	Thin paste
Color	Off white
Open Time	Up to 4 hours depending on substrate porosity.
Weight per Gallon	8.6 lbs/ gallon
VOC/Liter of Material	0 grams (calculated)
Freeze/Thaw Stability	Stable for 3 cycles at 10°F.
Storage	Avoid prolonged or repeated freeze thaw cycles. If frozen, allow to return to room temperature slowly and stir before use.
Shelf Life	Maximum 1 year from date of manufacture in properly stored, unopened package.

5. INSTALLATION INSTRUCTIONS

Application

1. Read installation instructions and SDS thoroughly prior to installation.
2. Substrate must be clean, dry, and free of dust, grease, paints, oils, or any other foreign material. Existing adhesive must be removed. Do not use solvents or liquid adhesive removers. Cracks and uneven surfaces must be filled with a Portland cement based patching compound.
3. For proper trowel selection see trowel guide on this label.
4. For Porous and Non-Porous Substrates: Trowel the TEC® 752 adhesive onto the substrate and allow it to remain open until it becomes tacky-to-the-touch where very little adhesive transfers to your fingertips allowing some transfer to the back of the flooring. The adhesive should be ready for installation in approximately 20 to 40 minutes under normal HVAC conditions. Adhesive transfer to the flooring is critical for a successful installation. If there is no adhesive transfer, remove the adhesive and re-apply new adhesive. (All flooring should be installed within 2 hours of the adhesive reaching the tacky-to-the-touch state. Open-times may be extended up to 4 hours, when applied over non-porous substrates.) The open and working time will depend on the temperature and humidity of the jobsite. Once the floor is installed, it must be rolled immediately in both directions with a 100 pound three-section roller. Use a small hand roller in areas that cannot be reached with a large roller. Note: Immediately after spreading adhesive, saturate a short nap paint roller with TEC® 752 adhesive and back-roll to avoid visible trowel mark telegraphing after installation.
5. Wait a minimum of 24 hours before heat welding.

Clean-up

Remove wet adhesive with damp cloth. Remove dried adhesive with a cloth dampened with denatured alcohol.

6. AVAILABILITY

TEC® Premium Tile and Stone Installation Products are available nationwide. To locate TEC® products in your area, please contact:

Phone: 800-832-9002

Website: tecspecialty.com

7. LIMITED WARRANTY

The product(s) covered by this Product Data Sheet are sold subject to a Limited Warranty and related terms. H.B. Fuller Construction Products disclaims the implied warranties of merchantability and fitness for a particular purpose and all incidental and consequential damages arising out of the sale, purchase or use of this product. For Limited Warranty details visit tecspecialty.com. To obtain a hard copy of the Limited Warranty call H.B. Fuller Construction Products at 800-832-9023 or mail a written request to the address in Section 2 of this Product Data Sheet.

8. MAINTENANCE

Not applicable

9. TECHNICAL SERVICES

Technical and safety literature

To acquire technical and safety literature, please visit our website at tecspecialty.com.

10. FILING SYSTEM

Division 9



tecspecialty.com