



Wood Perfect™ Moisture & Sound Control Adhesive

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1. PRODUCT NAME

TEC® Wood Perfect™ Moisture & Sound Control Adhesive

2. MANUFACTURER

TEC Specialty Products LLC
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Aurora, IL 60504-6451 U.S.A.
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3. DESCRIPTION

TEC Wood Perfect Moisture & Sound Control Adhesive is a premium, all-in-one urethane adhesive that requires no preinstallation moisture testing. Wood Perfect provides robust adhesion as well as moisture and sound control. It is ideal for all types of glue-down wood flooring including; engineered, solid, bamboo, crumb rubber and cork acoustic underlayments. This user-friendly adhesive combines easy trowelling with superior ridge retention in a fast-setting, high tack formulation.

Key Features and Benefits

- Superior adhesion, moisture control & sound control
- Excellent ridge retention helps prevent hollow spots
- Ultra-easy trowelability
- Outstanding green strength
- Fast curing

Packaging

4 gallon plastic pail (15.13 L)

Product #10018787

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
Glue Down Only Method		
5/16" (8 mm) Fingerblock Parquet	1/8" x 1/8" x 1/8" (3.2 x 3.2 x 3.2 mm) Square-notch trowel	55-65 ft²/gal. (1.35-1.60 m²/L)
Engineered Plank or bamboo 1/2" (12.7 mm) or less and less than 7" (178 mm) wide	3/16" x 1/4" x 1/2" (4.8 x 6.4 x 12.7 mm) V-notch trowel	60-70 ft²/gal. (1.47-1.72 m²/L)
Engineered Plank or bamboo thicker than 1/2" (12.7 mm) or 7" (178 mm) or wider	3/16" x 3/16" x 3/16" (4.8 x 4.8 x 4.8 mm) Square-notch trowel	35-45 ft²/gal. (0.86-1.10 m²/L)
Solid Wood Plank, shorts or plywood	1/4" x 1/4" x 1/4" (6.4 x 6.4 x 6.4 mm) Square-notch trowel	30-40 ft²/gal. (0.74-0.98 m²/L)
Moisture Control Method		
Parquet, engineered or solid plank or bamboo	1/4" x 1/4" (6.4 x 6.4 mm) V-notch trowel	30-35 ft²/gal. (0.74-0.86 m²/L)
For Use With Acoustic Underlayment		
Crumb rubber or cork underlayment	1/16" x 1/16" x 1/16" (1.6 x 1.6 x 1.6 mm) Square-notch trowel	85-95 ft²/gal. (2.09-2.33 m²/L)

Suitable Substrates

All substrates that meet NWFA standards:

- Concrete
- Plywood
- OSB
- Terrazzo
- Ceramic

Substrate Preparation

Prepare substrate according to NWFA guidelines. Ensure that the subfloor is structurally sound, cured smooth, dry, clean and free from dust, dirt, grease, old adhesive, curing agents, sealers, cutback or any other contaminants that could interfere with a good adhesive bond.

Concrete Slab: Must be cured at least 28 days. Do not use in areas subject to hydrostatic pressure or with pre-existing moisture conditions. pH should be between 7-12. The subfloor must be dry to the touch and not visibly damp. Pre-installation moisture testing is not required when installed using the Moisture Control Method. For Glue Down Only installations, verify that concrete moisture is below the flooring manufacturer's requirements for % RH (ASTM F 2170) or MVER (ASTM F 1869). Slabs over a year old with high moisture readings indicate a moisture problem related to hydrostatic pressure, broken water pipes, or improper maintenance. These issues are not covered by our warranty.

Terrazzo: Surface should be sanded so that all polishes and glaze compounds are stripped. After sanding, thoroughly vacuum to remove all loose particles. Then, clean the substrate with mineral spirits and allow to dry before installing the wood flooring.

APA approved Plywood and OSB Type Subfloors: Panels must be securely fastened. Eliminate any movement with screws. Sand all high joints. Fill and patch low areas. Refer to flooring manufacturer for guidelines of moisture content difference between properly acclimated wood flooring and subfloor materials.

Radiant Heated Subfloors: Check flooring manufacture's specifications to determine if the flooring is approved over heated subfloors. Wood Perfect is approved for use on hydronic system radiant heated subfloors, provided the system is fully embedded in concrete. Lightweight toppings must be primed first. Turn off the heat 48 hours prior to installation and leave the heat off until 48 hours after completion.

Storage

Store at 40°-95°F (4.4°-35°C) in a cool, dry location. Protect adhesive from freezing. Refer to the Technical Data section of this PDS, for more information.

Shelf Life

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

Limitations

- For interior installations only.
- On or below-grade substrates must have an intact vapor barrier (≥ 6 mil poly) properly installed below the slab.
- Do not install over adhesive residue including cutback.
- Do not use over concrete curing compounds or sealers that could impact adhesion.
- Follow flooring manufacturer's and NWFA specifications for acclimation and perimeter expansion relief.

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, TEC Specialty Products LLC cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

Product Data

4. TECHNICAL DATA

Physical Properties

TEC Wood Perfect Moisture & Sound Control Adhesive	
Description	
VOC Content	<100 grams/Liter
Wood Perfect meets all SCAQM district requirements	
Consistency	Creamy liquid
Color	Light tan
Trowelability	Smooth
Shelf Life	One year in unopened container
Storage	40°-95°F (4.4°-35°C) in a cool, dry location
Application Temperature	65°-95°F (18°-35°C)
Traffic Restrictions	Foot traffic after 8 hours; heavy traffic after 24 hours
Open Time	Up to 45 minutes, depending on ambient conditions
Freeze/Thaw Stability	Store above 40°F (4.4°C) in a cool, dry location
Acoustical Data	IIC – 69 dB STC – 66 dB IIC – 52 (No drop ceiling)

5. INSTALLATION INSTRUCTIONS

Review the Substrate Preparation instructions in this Product Data Sheet before beginning installation.

Glue Down Only Method

1. Reference the trowel chart in this Product Data Sheet and select the correct trowel for your application in the Glue Down Only Method section.
2. Do not spread more adhesive than can be covered within 30-45 minutes.
3. Adhesive working time and open time vary depending on temperature, humidity, and substrate.
4. Good transfer of the adhesive to the flooring is critical. Coverage should be at least 90%. Pull back a newly installed board periodically and inspect for proper coverage.
5. Trowels will wear down over time and must be changed regularly to achieve correct coverage.

Moisture Control Method

1. Reference the trowel chart in this Product Data Sheet and select the correct trowel for Moisture Control Method.
2. Trowel the adhesive parallel to wood flooring in 2'-3' (.6-.9 m) sections and place wood immediately into wet adhesive. Spread adhesive beyond where the last row of flooring stops to ensure there are no voids between stopping and starting points. **100% adhesive coverage of subfloor is required for moisture protection.**
3. Repeat step 2 to complete floor installation. Trowels will wear down over time and must be changed regularly to achieve correct coverage.

Clean-up

Remove the adhesive from the wood floor surface as soon as possible before the adhesive dries. Use a soft cloth and mineral spirits carefully to not harm the finish. Clean equipment and tools with mineral spirits while the adhesive is still wet.

6. AVAILABILITY

TEC premium surface preparation, tile, stone, carpet, wood and resilient floor covering 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. **TEC Specialty Products LLC 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 TEC Specialty 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



To learn more, visit TECSpecialty.com



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