

Premium Wood Formula

Moves with normal expansion and contraction to hold firm

See Reverse for More Information ▶



TEC® WoodStrong® Premium Urethane Wood Flooring Adhesive



TEC® WoodStrong® moves with the normal expansion and contractions of wood flooring. When troweled in, its adhesive ridges hold firm to hollow spots, and bridge gaps between the substrate below and the finished wood floor on top of this adhesive. Ideal for use with 3- or 5-ply engineered plank, solid plank (flat-milled), shorts, acrylic impregnated wood flooring and parquet, bamboo and cork.

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TEC® WoodStrong® Premium Urethane Wood Flooring Adhesive is a user-friendly, high performance urethane adhesive. Its unique moisture-cure formulation offers excellent green strength and superb flexibility. Once cured, the WoodStrong® adhesive develops a highly elastomeric bond that moves with the normal expansion and contraction that is characteristic of wood flooring. Its adhesive ridges also hold firm to reduce hollow spots, and to bridge gaps between the substrate and wood floor.



Superb flexibility and easy handling

Coverage

Flooring Type	Recommended Trowel Size	Approximate Coverage
Parquet	1/8" x 1/8" x 1/8" (3 x 3 x 3 mm) square-notch trowel	70-80 sq.ft./gal. (6.5-7.4 m ² /gal)
3 or 5 Ply Engineered Plank	3/16" x 5/32" (4.7 x 4 mm) V-notched trowel	45-50 sq. ft./gal. (4.2-4.6 m ² /gal)
Flat Milled Solid Plank	1/4" x 1/4" x 1/4" (6 x 6 x 6 mm) square-notch trowel	35-40 sq.ft./gal. (3.3-3.7 m ² /gal)

Technical Data

Description	
Percentage of Water	0.0%
Volume of Water (5 gallon pail)	0.0
Water Vapor Permeance (ASTM E96)	.40
Water Vapor Permeability	6.0 x 10 ⁻⁴
Percentage of Adhesive Transfer: Engineered Hardwood Flooring Solid Hardwood Flooring	>80% >95%
Used to Glue Down Solid Wood Flooring	Yes
Elongation	>350%
Open Time [at 72°F (22°C)]	3.5 hours in standard conditions
Tack Time	1 hour at 70°F (21°C) and 45% RH
Application Temperature	40°F-120°F (4°C-49°C)
Service Temperature	-4°F-120°F (-20°C-49°C)
Flash Point	147°F (64°C)
Viscosity (RVF, Spindle 7 Speed 20)	80,000 cps
VOC/Liter of Material	30 g/L
Odor	Mild
Color	Light Yellow
Cure Time Note: Higher temperatures combined with higher humidity will cause the adhesive to cure faster.	Light foot: 4 hours at 70°F (21°C) and 45% RH. Regular traffic: 12 hours.
Storage	Store in cool dry place [50°F-90°F (10°C-32°C)]. Keep away from excessive heat.
Shelf Life	Maximum 1 year from date of manufacture in properly stored, unopened package.

Greater than: > Greater than or equal to: ≥ Less than: < Less than or equal to: ≤

Features and Benefits

- Excellent green grab strength
- Superb flexibility and easy handling
- Troweled ridges hold for maximum grip
- Low odor
- Extended open time
- Moisture cure (contains no water)
- Non-flammable
- Freeze/thaw stable

Flooring Types

- Multi-ply Engineered Plank
- Solid Plank, Flat-Milled
- Acrylic Impregnated Wood
- Plywood (for nail down applications)
- Parquet
- Ceramic Tile
- Bamboo
- Cork

Suitable Substrates

All substrates must be dry, structurally sound, fully cured and free from oil, grease, dust, paint, sealers or concrete curing compounds. When properly prepared, suitable substrates include:

- Fully cured, dry concrete*
- Plywood (APA Grade Trademarked Exposure I)
- Particle or underlayment grade chip board
- Existing ceramic tile and well-bonded vinyl tile
- Dry, above grade gypsum patch/underlayments
- Cement patch/underlayments**
- Radiant heat flooring
- Terrazzo
- All other properly prepared substrates common to hardwood flooring installations.

* All concrete applications are susceptible to moisture and should be tested for moisture prior to installation in several locations within the installation area. Follow the wood manufacturer's recommendation for acceptable moisture content of concrete substrate for wood flooring. If concrete conditions exceed the allowable vapor emission rate of ≤ 3 lbs/1000 square feet per 24 hours, please consult with a TEC® technical advisor.

** Note: Maximum acceptable floor variation is 3/16" in a 10 foot radius (4.7 mm in 3 m). To level uneven surfaces, use TEC® VersaPatch® Floor Patch and Leveler or TEC® EZ Level® Self Leveling Underlayment.

Limited Warranty

For details about the limited warranty, contact your sales associate or visit tecspecialty.com

Packaging

5 U.S. gallon metal pails (18.92 L)
Product #7150781511



For complete details visit tecspecialty.com