

DESCRIPTION: META-TEC® 2071 TUFF LOK X-LINK WOOD FLOORING ADHESIVE

Taylor 2071 Tuff-Lok X-Link Wood Flooring Adhesive with Meta-Tec® Technology, is a high solids, cross linking, Amide-Ester-Acrylate, resin-based adhesive formulated for the interior installation of dry-back parquet, engineered wood plank, acrylic impregnated plank, and pre-finished and unfinished solid wood flooring. It is solvent free, has a low VOC content, contains no hazardous chemicals as per OSHA Regulation CFR 1910.1200 and it is a nonflammable, low odor adhesive that meets all federal, state, and local governmental indoor air quality regulations. This specially formulated adhesive has good early strength buildup for immediate grab and gradually builds into a tenacious but resilient bond as the chemicals in the adhesive cross-link.

Taylor 2071 can be used over APA grade underlayment plywood, association grade particleboard, cork underlayments, existing well-bonded vinyl, tile and sheet flooring, terrazzo, radiant heated subfloors where surface temperatures do not exceed 85°F (29.40°C), and concrete. Install above, on, or below grade, in the absence of excessive moisture and alkali. The pH levels of concrete should be between 5 and 9. While this adhesive is waterproof when cured, the wood flooring still must be protected from excessive moisture. *Although this adhesive retards MVT, it is not intended to function as a moisture barrier.* Moisture levels of concrete must be below 3 lbs. per 1,000 square feet per 24 hours (1.36 kg per 92.9 m² per 24 hours) using an anhydrous calcium chloride test kit according to ASTM F-1869 test method. Follow wood flooring manufacturer's guidelines for allowable levels of moisture. Wood underlayments must have a moisture content below 12% using a Tramex or Delmhorst wood moisture meter.

SUBSTRATE PREPARATION:

Substrate must be sound, smooth, level, clean and dry. It must be free of dust, dirt, wax, loose paint, incompatible curing compounds or fire retardant chemicals, fungicides, release agents, sealers, or any other foreign substances that might interfere with a good bond. Substrate must be level to 3/16" in a 10 ft span (4.8 mm in a 3.048 m span). **Note:** When installing thin gauged wood (solid or engineered) irregular substrates may telegraph through as adhesive pulls wood down during curing stages. Therefore substrates must be properly leveled to prevent telegraphing. Fill all cracks, holes and low spots with a polymer modified cementitious patching or leveling compound and allow to fully cure before applying adhesive. High spots must be ground level. Substrate, adhesive and wood flooring must be acclimated in an enclosed building with the HVAC operational and running for at least 72 hours before, during and after the installation. The installation temperature and relative humidity must be controlled between 65° and 95°F, and between 30% and 60% relative humidity, subject to the floor manufacturer's requirements. Open time will vary with temperature and humidity or porosity of the substrate. **Note:** Wood flooring must be exposed to the air when being acclimated. Follow the wood flooring manufacturer's guidelines regarding site conditions and installation.

TROWEL RECOMMENDATIONS:

Flooring Product	Trowel Size* and Notch	Coverage
Thin gauged solid wood and exotic species 7/16" (11mm) thick or less:	3/16" x 1/4" x 1/2" flat v 4.8mm x 6.4 mm x 12.7mm	Up to 80 sq. ft./gal Up to 2.0 sq. meters/liter
Pre-finished / un-finished solid wood and exotic species 15/32"-3/4" (12mm-19mm) thick and engineered plank & acrylic impregnated plank – all thicknesses	3/16" x 1/4" x 5/16" flat v 4.8mm x 6.4 mm x 7.9mm	Up to 60 sq. ft./gal Up to 1.5 sq. meters/liter
Dry-back parquet:	1/8" x 1/8" x 1/8" square 3.2 mm x 3.2 mm x 3.2 mm	Up to 80 sq. ft./gal Up to 2.0 sq. meters/liter
Cork tile, cork sheet, and cork underlayment: <i>Install cork flooring into wet adhesive. Curled cork tile or cork sheet may require 5-10 minute advance cure time.</i>	1/16" x 1/16" x 1/16" square 1.6 mm x 1.6 mm x 1.6 mm	Up to 250 sq. ft./gal Up to 6.1 sq. meters/liter

*Trowel dimensions are width x depth x spacing

cont.

NOTE: Exotic species of flooring such as; Bamboo, Brazilian Cherry, Mahogany, and other exotic woods may behave differently than standard domestic hardwoods commonly used in flooring installations. Contact W.F. Taylor for installation recommendations. Not recommended for Teak.

INSTALLATION:

1. Follow wood flooring manufacturer's guidelines for layout, design and any special precautions for installation.
2. Spread adhesive using recommended trowel (see trowel recommendation chart). Parquet floors can be installed immediately after adhesive is spread. Working time is approximately 30 minutes when installing parquet under acceptable temperature and humidity conditions. When installing engineered plank and solid wood greater than 7/16" (11.10 mm) allow 10 minutes advance cure or "flash off" time. Working time is approximately 50-60 minutes under acceptable temperature & humidity conditions. When installing thin-gauged solid wood and exotic species 7/16" (11.10 mm) and less, allow 20 minutes advance cure or "flash off" time for optimum strength buildup before installing wood. Working time is approximately 40 minutes under acceptable temperature & humidity conditions. Adhesive must transfer 100% to the wood floor. If substrate is non-porous, a longer advance cure or "flash off" time may be necessary. **NOTE:** Thin-gauged solid wood and exotic species are very sensitive to job site conditions. Wood flooring manufacturer's and Taylor written pre-installation instructions must be strictly followed or the Taylor warranty will be void.
3. Lay wood flooring into adhesive. Wood may slip and move so be sure to secure the initial row to limit movement and hold patterns. Occasionally lift a piece of wood to assure adhesive is achieving 100% transfer. If proper transfer is not achieved remove dried adhesive and apply more using recommended trowel. The use of tape to temporarily hold the edges together may be necessary until installation is complete.
4. When installing near a solid object or wall, leave ample room for expansion (see flooring manufacturer's recommended expansion guidelines). Installing wood too tight against a stationary object will not allow room for normal wood expansion, which may cause a failure. When installation is complete, use wedges or some object to hold wood in place while adhesive dries. Remove wedges after initial setting of adhesive (approximately 2 hours) to allow for normal expansion of wood. Failure to remove wedges can cause the wood flooring to buckle and pop off the substrate.
5. Roll and cross roll floor with a 100-150 lb. (45.36-68.04 kg) roller at the end of the installation to ensure proper transfer of adhesive.
6. When installing unfinished solid wood flooring, wait a minimum of 72 hours before sanding.
7. When installing over radiant heated subfloors, turn the heat off for 24 hours before, during and 24 hours after installation. Failure to turn the heat off may result in shortened working time of the adhesive. Floor temperature must not exceed 85°F (29°C).
8. Restrict light traffic for a minimum of 16 hours. Restrict heavy traffic for a minimum of 24 hours after installation is complete. Freeze-thaw stable.

PHYSICAL PROPERTIES

VOCs:	Negligible
Appearance:	Tan, smooth, easy-to-spread mastic.
Working time:	Approximately 60 minutes.
Shelf life:	One year in unopened container at 70° F (21.10°C).
Other features:	Waterproof when cured, non-flammable. Freeze/thaw stable to 10° F (-12.22°C).
Clean Up:	Remove wet adhesive with a damp cloth. If adhesive dries, clean-up with Taylor Touchdown #9 Adhesive Remover/Stripper.

CAUTION

DO NOT take internally. If swallowed, DO NOT induce vomiting. Call a physician immediately. KEEP OUT OF REACH OF CHILDREN.

WARRANTY INFORMATION

This product is manufactured according to exacting quality control standards and is warranted to be free from manufacturing defects. Defective material called to our attention within one year of manufacture will be replaced. No guarantee, expressed or implied, is made regarding the performance of this product since the manner and conditions of application are beyond our control. For complete warranty information, call Technical Services at 800-868-4583; visit us on the web at www.wftaylor.com; or e-mail us at info@wftaylor.com.

W.F. TAYLOR CO., INC. * FONTANA, CA 800.397.4583 * DALTON, GA 800.868.4583

TAYLOR 2071

MATERIAL SAFETY DATA SHEET

SECTION I IDENTIFICATION

Manufacturer's Name: W.F. Taylor Co., Inc.
Address/Phone: 11545 Pacific Ave.
Fontana, CA 92337
951.360.6677
Emergency Phone No.: 800.535.5053
Manufacturer's Code Identification: 2071
Product Class: Amide-Ester-Acrylate-Resin Blend
Trade Name: 2071 Tuff Lok X-Link Wood Flooring Adhesive
Date Revised: 09/01/05

SECTION II HAZARDOUS INGREDIENTS

None per OSHA Regulation: 29 CFR 1910.1200
SARA Title III Section 313 Chemicals: None
NFPA **HMIS**
 H = 1
 F = 0
 R = 0

SECTION III PHYSICAL DATA

Boiling Point: No Data
Evaporation Rate/Vapor Density: Low
Vapor Pressure: Low
LBS/GAL: 10-10.3
Percent Volatile: 7-15 (by weight)
Odor: Mild
Color: Tan
Grams V.O.C. per liter of material: Negligible
Grams V.O.C. per liter of coating: Negligible

SECTION IV FIRE AND EXPLOSION HAZARD DATA

DOT Category: Not regulated
Flash Point: N/A
LEL: N/A
Extinguishing Media: Water spray, dry chemical,
CO₂ foam
Unusual Fire and Explosion Hazards: None Known
Special Fire Fighting Procedures: Use self-contained
breathing apparatus and turn out gear

SECTION V HEALTH HAZARD DATA

Symptoms of Over Exposure:
Eyes: May cause mild irritation
Skin/ Inhalation/ Ingestion: May cause slight irritation
First Aid Procedures:
Eyes: Flush with water
Skin: Wash with soap and water
Inhalation: Remove to fresh air if needed

SECTION VI REACTIVITY DATA

Stability: Stable
Conditions to avoid: Protect from freezing, excessive heat
Hazardous decomposition products: NO_x, CO₂, CO,
Hydrocarbons of unknown structures
Hazardous polymerization: Will not occur
Incompatibility/Materials to avoid: Metal salts may coagulate
the product

SECTION VII SPILL OR LEAK PROCEDURES

Steps to Be Taken if Material is Spilled: Collect large
amount of material into container for disposal. Use absorbent
materials to collect and contain any remaining residue.
Waste Disposal: Abide by all Federal, State, and local
regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiratory protection: None required, NIOSH respirator if
needed
Ventilation: Local exhaust
Protective gloves: Chemical resistant gloves
Eyes: Goggles
Other protective equipment: None

SECTION IX SPECIAL PRECAUTIONS

Precaution for Handling and Storing: Do not puncture,
protect from freezing and excessive heat

KEEP OUT OF REACH OF CHILDREN



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