

ACOUS-TEC®
SOUND REDUCING LIQUID UNDERLAYMENT
PATCH AND LEVELER

SPECIFICATION SHEET

DESCRIPTION: Taylor Acous-Tec® Sound Reducing Liquid Underlayment Patch and Leveler is designed for all floating floor systems (vinyl tile/plank, laminate, and wood) to reduce sound transmission (up to IIC 71 and STC 67). Acous-Tec also controls moisture levels, patches up to 1/8" cracks, levels substrate unevenness, and enhances thermal insulating properties of the floor. It is an excellent replacement for rolled sound reducing membranes with its easy installation, one hour set-up time and when fully cured it is a sealed, leveled, and flat membrane. Requirements for installing underlayment are simple; it is unaffected by concrete slab alkalinity, can be installed on porous or non-porous surfaces, and has extremely low permeability ratings. As the product cures it uses its formulated cross-linking modified silane polymer-base to build a tenacious but elastic resilient membrane.

Taylor Acous-Tec is free of solvents, hazardous chemicals (per OSHA Regulation CFR 1910.1200), water, and isocyanates. This product is a one component, 100% solids, non-flammable and low odor liquid underlayment with negligible VOC content that meets federal, state, and local governmental indoor air quality regulations; achieving the coveted UL's GREENGUARD Certification.

USE OVER: Taylor Acous-Tec Sound Reducing Liquid Underlayment Patch and Leveler may be used over APA grade underlayment plywood, flooring grade particleboard, OSB, cork underlayment, existing well bonded non-cushioned resilient flooring, terrazzo, cementitious and anhydrite screeds, concrete, and radiant heated subfloors where surface temperatures do not exceed 85°F (30°C). Install above, on, or below grade, in the absence of excessive moisture. While this barrier is waterproof when cured, the installation still must be protected from excessive moisture. Moisture levels of concrete must be below 10 lb/1000 sq. ft./24 hr per ASTM F-1869 test method & relative humidity (RH) 90% per ASTM F-2170. When installing Acous-Tec™ use a 1/16" x 3/32" saw tooth trowel, or 3/16" x 5/32" saw tooth trowel for patching or self-leveling, for all installations. The moisture content must be within the flooring manufacturer's guidelines for allowable levels of moisture.

SUBSTRATE PREPARATION: Substrate must be sound, smooth, clean, level, dry, and free of dust, dirt, grease, oil, paint, curing compounds, incompatible sealers, fire retardant chemicals, release agents, or any other foreign substance that might interfere with a good bond. Subfloor must be smooth and fully adhered. Depending on the type and condition of the subfloor, mechanical treatment of the subfloor such as mechanical brushing, grinding with coarse sand paper, milling or ball blasting may be required. It is the sole responsibility of the installer/contractor to ensure that the concrete surface is properly prepared prior to installation.

INSTALLATION: Acous-Tec Sound Reducing Liquid Underlayment, the floor covering and areas to receive flooring must be maintained at a temperature of 65° - 95°F (18° - 35°C) and at a relative humidity of 30% - 60% for 72 hours before, during, and after installation. Follow the flooring manufacturer's guidelines regarding site conditions, layout, and installation.

Apply Acous-Tec Sound Reducing Liquid Underlayment Patch and Leveler with the recommended trowel and allow to dry and cure for approximately one hour; however, Acous-Tec™ underlayment must be dried and cured throughout the film thickness before installing the floating floor system. The drying time will vary with ambient job site conditions. Always follow the flooring manufacturer's installation guidelines for their floating floor systems.

NOTE: When using the 3/16" x 5/32" saw tooth trowel for patching and self-leveling, Acous-Tec may require more cure time. Damp mopping the floor prior to application can speed up cure time. Follow all other instructions for floor preparation.

CLEAN UP:

Use a solvent based adhesive remover/stripper that is compatible with the flooring manufacturer's finish.

TROWEL RECOMMENDATIONS

| APPLICATION | SQ. FT. / GALLON | TROWELS |
|---|---|--|
| *For sound reducing underlayment, moisture barrier, and filling cracks: | Up to 100 sq. feet per gallon (2.5 sq. meters per liter) | 1/16" x 3/32" Saw Tooth (1.6mm x 2.4mm) |
| For sound reducing underlayment, moisture barrier, filling cracks, patching and leveling: | Up to 60 sq. feet per gallon (1.5 sq. meters per liter) | 3/16" x 5/32" saw tooth (4.8mm x 4.0mm) |

NOTE: Liquid underlayment coverage is approximate and will vary depending on the porosity and roughness of subfloor, angle at which the trowel is held, temperature of the liquid underlayment and subfloor, and the skill of the installer applying the liquid underlayment. The liquid underlayment coverage will be improved by priming the subfloor to reduce absorption of the liquid underlayment into the subfloor. The underlayment coverage will be significantly lower over subfloors not properly prepared according to established industry guidelines.

SOUND REDUCTION SYSTEM

| Floor System | IIC Rating | STC Rating |
|--|------------|------------|
| Acous-Tec Underlayment | 69 | 66 |
| Acous-Tec Underlayment with Vinyl, Wood & Laminate | 69-71 | 66-67 |

cont.

ACOUS-TEC®
SOUND REDUCING LIQUID UNDERLAYMENT
PATCH AND LEVELER

PROPERTIES

Base: Modified silane polymer blend.
Appearance: White, smooth, creamy, easy to trowel.
Working time: 30 minutes depending on temperature and humidity.
Shelf life: One year in unopened container at 70° F (21.10° C).
Other features: Provides sound reduction, moisture inhibition, crack isolation, and enhances thermal insulation. VOC compliant, nonflammable, and freeze/thaw stable to 10° F (-12° C). Made with anti-microbial agents that will provide its dry film with protection from fungal growth. This protection is determined using the ASTM G21 test method.

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 Taylor Technical Services at 800-868-GLUE(4583).

For additional Specification and MSDS information visit our website www.wftaylor.com or call 800.868.GLUE(4583).

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

Acous-Tec® is a registered trademark of W.F. Taylor Co., Inc.
Product is Patent Pending.

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