

# ACCORD™ LVT

## PREMIUM UNDERLAYMENT

The livability and durability of luxury vinyl tile flooring is often only as good as the materials underneath it. Accord LVT Sound Rated Flooring Pad from Fortifiber Building Systems Group® provides both sound resistance and moisture protection for worry-free installation. Accord LVT is a flooring underlayment pad that is comfortable and warm under foot. Designed to be used over sub-floors, and under luxury vinyl tile, it quiets the sounds of everyday use with an Impact Isolation Class of 71, a Sound Transmission Class of 67 and a Delta Rating of 21.

Accord LVT is easy to install, with an integrated seam seal tape. Accord LVT is also a Class I moisture vapor barrier over concrete with a perm rating .03. It does not require an extra polyethylene barrier. It has been tested for indoor air quality and has no detectable VOCs.

**Decades of Proven Performance** Accord LVT is distributed by the Fortifiber Building Systems Group. With more than a seventy-five year history of proven performance, technical expertise and practical know-how, the company has become a trusted partner to builders and flooring professionals.

- **FOR FLOATING LUXURY VINYL TILE**
- **DECREASES SOUND TRANSMISSION**  
(SOUND RATING IIC 71 / STC 67 / DELTA 21)
- **PROMOTES HEALTHY INDOOR AIR QUALITY**  
(EXCEEDS CA01350 IAQ REQUIREMENTS)
- **PROVIDES MOISTURE VAPOR PROTECTION**
- **INTEGRATED EDGE TAPE BLOCKS MOISTURE AND SPEEDS INSTALLATION**
- **RESISTS COMPRESSION**
- **RESISTS MOLD AND MILDEW;  
HYPO-ALLERGENIC**



**Composition:** Accord LVT is a high density closed cell cross linked polyolefin foam pad with no odor.

**Size & Weight:** Accord LVT is supplied in a .9 mm (.10") thick by 100 sq. ft. (31" wide by 38' 9" long) roll; product weight is approximately 2.4 lbs./100 sq. ft.; thickness in inches (+/- 5% tolerance).

**Applicable Standards:** Accord LVT meets the International Building Code and Residential Code as a Class I "vapor retarder".

Accord LVT meets the general requirements for a foam pad as a moisture barrier, cushion and sound reduction underlayment membrane, when it is properly installed following the flooring manufacturers' installation requirements.

California Indoor Air Quality Standard CA01350

JIS K6767 – The experiment method of polyethylene expanded plastics

American Society of Testing Materials (ASTM)

- *ASTM C518 - Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus*
- *ASTM E90 - Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements*
- *ASTM E96 Method A - Water Vapor Transmission of Materials*
- *ASTM E413 - Classification for Rating Sound Insulation*
- *ASTM E492 - Standard Test Method for Laboratory Measurement of Impact Sound Transmission Through Floor-Ceiling Assemblies Using the Tipping Machine*
- *ASTM E2179 - Standard Test Method for Laboratory Measurement of the Effectiveness of Floor Coverings in Reducing Impact Sound Transmission Through Concrete Floors*

**Physical Properties:** Accord LVT is tested in accordance with ASTM Procedures and JIS K6767. The values shown are averages obtained in these tests.

**Limitations:** Accord LVT should not be used as a waterproofing assembly or where a waterproofing membrane is specified. LVT is ideal for use over radiant heat systems. Read and follow the radiant and flooring manufacturers installation instructions. Store, handle and transport in a clean and dry interior environment. Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.

**Installation:** Read and follow flooring manufacturer's requirements for an acceptable underlayment, placement of the underlayment, and flooring installation details.

1. Test floor and sub-floor for moisture before installation following floor manufacturer's requirements.
2. Roll out 1 width of membrane. Install flooring over underlayment.
3. Roll out next width.
4. Abut edges and remove white paper from tape strip (on plastic lip).

**Note:** When installing over concrete, be sure concrete is properly cured, tested and complies with flooring manufacturer's instructions. If an additional moisture barrier is required, use Fortifiber Moistop Ultra® with seams properly sealed.

**Availability:** Accord LVT is available nationwide. Call us to locate a distributor near you: 1-800-773-4777.

**Warranty:** Fortifiber Corporation warrants that its products are in compliance with their published specifications and are free from defects in materials and workmanship for a period of two years from the date of purchase. This warranty does not apply to loss due to abuse. Material found to be defective will be replaced at no charge by Fortifiber, but in no event shall Fortifiber be liable for any other costs or damages, including any labor costs.

THIS EXPRESS WARRANTY IS GIVEN IN LIEU OF AND EXCLUDES ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Fortifiber's sole obligations under this warranty are as set forth herein. In no event shall Fortifiber be liable for any lost revenue or profits, direct, indirect, special, incidental or consequential damages of any kind.

**SOUND RATED FLOORING PAD:**  
Accord LVT high density closed cell cross linked polyolefin foam pad with no odor.

*Table 1- Physical Properties*

CHARACTERISTIC	TEST METHOD	RESULTS	INDUSTRY STANDARD
Acoustical	ASTM E492/E989 ASTM E90/E413 ASTM E2179	IIC 71 <sup>1</sup> STC 67 <sup>1</sup> Delta 21	50 <sup>2</sup> 50 <sup>2</sup> n/a <sup>3</sup>
Thickness	JIS K6767	.9 mm	n/a <sup>3</sup>
Compression Strength	JIS K6767	37.2 lb./inch	n/a <sup>3</sup>
Tensile Strength	JIS K6767	MD - 467 lb./inch TD - 278 lb./inch	n/a <sup>3</sup>
Moisture Vapor Permeance	ASTM E96 Method A	0.03 perms	Class I < 0.10 perms
Indoor Air Quality	CA01350	Pass	Pass
Thermal Resistance	ASTM C518	R-Value .10	n/a <sup>3</sup>

<sup>1</sup> Test assembly: 2mm LVT plank flooring over foam underlayment with seams butted and taped, overlaid on 6" concrete slab with suspended 5/8" gypsum board ceiling, 3.5" fiberglass insulation into joist cavities.

<sup>2</sup> IBC and IRC require minimum IIC and STC ratings of floor/ceiling assemblies of 50 (if tested in a laboratory) or 45 (if tested on site).

<sup>3</sup> Not established.



**Fortifiber Building Systems Group®**  
Protecting Your World from the Elements®

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