



Silencer LVT Acoustical Underlayment

- Silencer LVT™ Acoustical underlayment is suitable for all glue down and floating LVT, and vinyl plank flooring installations. Offers the best support, moisture protection and sound absorption for your floors.
- Silencer LVT™ is made with high-density polyurethane foam using rapidly renewable resources (soybean polyols and vegetable oils)
- Reduces floor noise by providing excellent sound absorption
- Exceeds Air Quality and Flammability standards
- 100% recyclable and environmentally friendly
- Quick and easy installation
- Eliminates minor subfloor imperfections
- Adds thermal value and suitable for use with radiant heat flooring
- New revolutionary moisture barrier film for the best bond strength, durability and moisture protection up to 4 lbs. of pressure. In geographic areas where concrete subfloors are subject to excessive moisture, a calcium chloride moisture test is required. Vapor emission readings in excess of 4 lbs. per 1,000 square feet in 24 hrs. will require additional protection such as concrete sealant or polyethylene sheeting.
- Contains Ultra-Fresh®, an antimicrobial protection that resists mold and mildew
- Crushpruf™ technology resists indentation that enables your floors to perform to its fullest potential and last a lifetime
- Offers the industry's best limited lifetime warranty
- Suitable for radiant heat flooring systems

APPROVED SUBSTRATES

- Dry, completely cured concrete (at least 14 days old with HVAC operating)
- 3/4" interior plywood, OSB flooring, gypsum board, gypcrete
- Waterproofing and crack-isolation membranes
- Cement backer units
- Existing vinyl, wood, and laminate floors

FLOOR PREPARATION

- Subfloor should be clean and dry
- Follow the wood manufacturer's installation instructions for any additional preparation

QUICK AND EASY INSTALLATION

cuts with a knife

1. Install Silencer LVT™ with film down against concrete/subfloor
2. **For floating and nail down installations**, roll out underlayment with tape strip next to wall. Roll out next row in same manner butting underlayment close to first row (do not overlap) and covering the moisture barrier film. Remove the tape strip and secure the overlapping moisture barrier film.
For double glue down installation for wood flooring, use a urethane based adhesive (based on the adhesive manufacturer's recommendation) with a 1/16" – 3/32" trowel on the subfloor. For LVT and vinyl plank flooring, use an acrylic or pressure-sensitive adhesive (based on the adhesive manufacturer's requirement) with a 1/16" – 3/32" trowel on the subfloor. **Trim off the excess overlapping film.** Roll out underlayment with tape strip next to wall. Roll out next row in same manner butting underlayment close to first row (do not overlap). Roll with a 35 -75 lb. roller to smooth out any air pockets and to secure a good bond to the adhesive.
3. Install flooring according to the vinyl manufacturer's installation instructions

PACKAGING

Available in 3' x 33.34' (100 sq. ft.) rolls

TECHNICAL DATA

100% High-Density Polyurethane foam underlayment bonded to a moisture vapor film

Thickness — .065"

Density — 30 LBS

Weight — 2.65 oz/sq.ft.

Antimicrobial Treatment — ULTRA-FRESH™

Thermal Resistance — R-Value .23

Compression Resistance @ 50% — 41.5 psi

Compression Set @ 50% — 4%

Flammability Rating — Passes Federal Flammability Standards DOC-FF-1-70

Smoke Density — Passes, 110 max

Product Emissions — Exceeds VOC emissions requirements, environmentally friendly

SOUND ABSORPTION PROPERTIES

Impact Insulation Class (IIC) This method is to measure the impact sound transmission performance of a floor-ceiling assembly (sound transmission through the floor)

IIC Flooring Sub-Floor

53 Silencer LVT 6" concrete with NO ceiling assembly

Sound Transmission Class (STC) This method is to measure the air-borne sound insulating property of a partition element for effectiveness in blocking sound

STC Flooring Sub-Floor

51 Silencer LVT 6" concrete with NO ceiling assembly

Delta IIC *The db rating difference between a floor measured with an underlayment and with no underlayment*

Δ IIC — 22 — (up to a 78% db sound reduction)

LEED Credits

MR 6 — Rapidly renewable resource

EQ 4.3 — low emitting VOC's