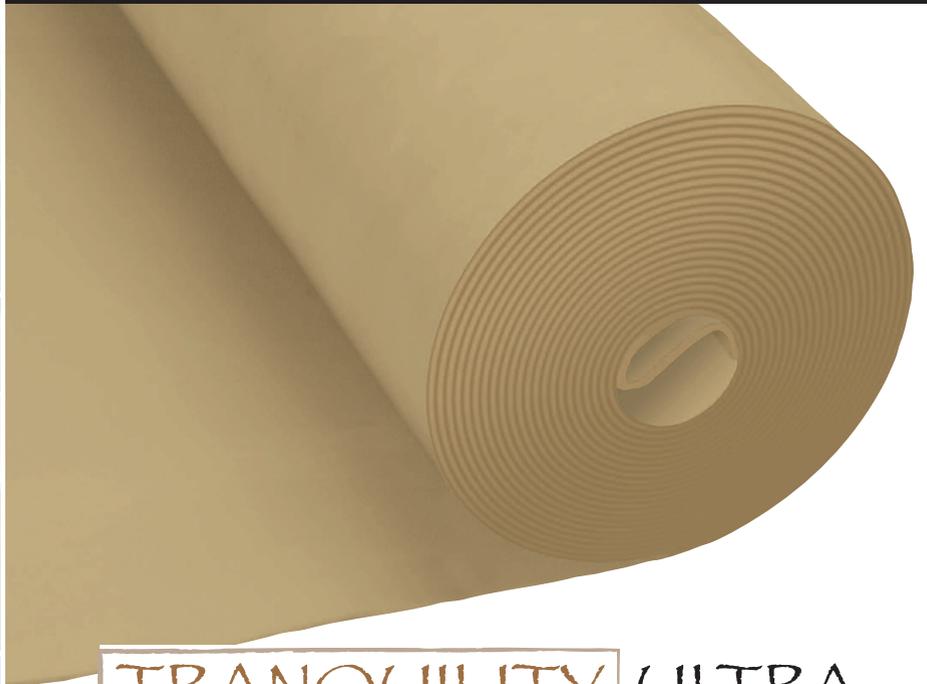


Lumber Liquidators / LL Flooring recommends Tranquility Ultra Vinyl Flooring
Acoustical Underlayment for best support and sound absorption
for your floating and glue down vinyl plank flooring

PRODUCT SPECIFICATIONS



TRANQUILITY ULTRA

VINYL FLOORING UNDERLAYMENT

ACOUSTICAL UNDERLAYMENT

- **Approved for use under flooring planks with or without pre-attached pad.**
- Made with high-density polyurethane foam
- Reduces floor noise by providing excellent sound absorption
- Exceeds Air Quality and Flammability standards
- UL GreenGuard Gold certified underlayment
- 100% recyclable and environmentally friendly
- Contains **ultra-fresh™** anti microbial treatment
- Quick and easy installation
- Eliminates minor subfloor imperfections
- Adds thermal value and suitable for use with radiant heat flooring



VENDOR # 203874



10029179

100 SQ. FT. (3 FT. X 33.34 FT.)

Lumber Liquidators / LL Flooring
6115 Engineered Wood Way
Sandston, Virginia 23150



MADE IN U.S.A.



**LUMBER
LIQUIDATORS**

IS NOW

LL Flooring™

PRODUCT SPECIFICATIONS

The Tranquility Ultra Vinyl Flooring underlayment maintains the beauty of your floor like nothing else. Tranquility Ultra Vinyl Flooring underlayment can stand up to the pressure.

ADVANTAGES

- Tranquility Ultra is made with high-density polyurethane foam using rapidly renewable resources (soybean polyols and vegetable oils)
- **Suitable for floating, glue down, LVT and vinyl plank flooring.**
- **Approved for use under flooring planks with or without pre-attached pad.**
- New revolutionary **moisture barrier film** for the best bond strength, durability and moisture protection up to 7 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 7 lbs. per 1,000 square feet in 24 hrs. will require additional protection such as concrete sealant or polyethylene sheeting.
- Contains **ultra-fresh™** that ensures protection from the growth of unwanted microbes
- Crushpruf™ technology resists indentation that enables your floors to perform to its fullest potential and last a lifetime
- Eliminates minor subfloor imperfections
- Offers the industry's best limited lifetime warranty
- Suitable for radiant heat flooring systems
- This product exceeds ASTM test for compression strength required for some vinyl plank manufacturers

APPROVED SUBSTRATES

- Dry, completely cured concrete (at least 14 days old with HVAC operating)
- ¾" interior plywood, OSB flooring, gypcrete (*must be primed before glue down*)
- Waterproofing and crack-isolation membranes
- Cement backer units
- Existing vinyl, wood, and laminate floors

FLOOR PREPARATION

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

QUICK & EASY INSTALLATION (cuts with a knife)

UNDERLAYMENT APPLICATIONS

Floating (approved sizes)

Residential: click vinyl 3 mm and greater
Commercial: click vinyl 4 mm and greater

Glue down (approved sizes)

Residential: any thickness dry back or click
Commercial: any thickness dry back or click

1. For floating floors, install with film **UP**. For glue down floors, install with film **DOWN**.
2. **Floating installations**, roll out underlayment next to wall. Roll out next row in same manner butting underlayment close to first row (do not overlap). Seal the seams with a moisture resistant tape. Install LVT/vinyl plank per manufacturer's instructions.
3. Residential glue down installations, same as above, then apply adhesive to the top side of the underlayment per LVT/vinyl plank manufacturer's instructions. Double glue down is optional.

Commercial/multi-family glue down installations: underlayment must first be bonded to the subfloor with adhesive, preventing any movement on the floor. Double glue down is required.

Double glue installations, use SILENCER QUICKLAY spray adhesive or other pressure-sensitive trowel adhesives (based on the adhesive manufacturer's requirement) using a 1/16" trowel on the subfloor. Roll out underlayment next to wall. Roll out next row in same manner butting underlayment close to first row (do not overlap). Roll with a 75 - 100 lb. roller to smooth out any air pockets and to secure a good bond to the adhesive. then apply adhesive to the top side of the underlayment per LVT/vinyl plank manufacturer's instructions. After flooring is installed, roll with a 75 - 100 lb. roller to secure a good bond to the adhesive.

4. 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

Thickness060"
Density	30 LBS
Weight	2.65 oz/sq.ft.
Antimicrobial Treatment	ULTRA-FRESH™
Thermal Resistance.....	R-Value .17
Compression Resistance ASTM D3676	41.51 psi
Compression Set ASTM D3574	4 %
Indoor Air Quality	GreenGuard Gold Certified UL 2818
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	vinyl plank	6" concrete with NO ceiling assembly
73	vinyl plank	6" concrete with ceiling assembly
58	vinyl plank	wood joist with 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	vinyl plank	6" concrete with NO ceiling assembly
68	vinyl plank	6" concrete with ceiling assembly
62	vinyl plank	wood joist with ceiling assembly

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

Δ IIC 22

LEED CREDITS

MR 6 Rapidly renewable resource
EQ 4.3 low emitting VOC's

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