

CORELUXE Premium Underlayment



Proudly made in the USA.
Made from recycled materials.

FOR USE BENEATH:

- Vinyl Plank Flooring
- WPC or SPC Flooring
- Rigid Core Vinyl

*Enhanced performance for
Pad Attached Flooring!*



- Thin, dense fibers to support all luxury vinyl and multilayer floors. Offers uncrushing support to flooring with pad attached!
- Recycled fibers absorb sound and keep it from traveling to other rooms. Makes click-together floating floors sound solid underfoot.
- Recycled fibers allow installation over concrete to “breathe”. The attached vapor barrier protects the overlying floors from harmful moisture and alkalinity.
- Provides additional comfort to the entire home during seasonal temperature changes.
- A patented manufacturing process repurposes post-industrial and post-consumer materials into high-performance underlayment. Treated with an antimicrobial to inhibit mold and mildew growth.
- No VOC's (Volatile Organic Compounds) or off-gassing from materials.



LL Flooring recommends *CoreLuxE Premium Underlayment* for the best support, moisture protection, and sound absorption.

**LUMBER
LIQUIDATORS**
— IS NOW —
LL Flooring™
LLFlooring.com

INSTALLATION METHODS

FLOATING FLOORS

1. Roll out underlayment and flip over so vapor barrier side is facing up and butt seams together
2. Apply moisture barrier seam tape, and ensure underlayment seams run perpendicular to the floor covering seams
3. Click & lock floating floors over the top according to manufacturer

DOUBLE GLUED DOWN FLOORS

1. Double Glue Down installations are approved with flooring that is a minimum thickness of 4mm.
2. Roll out underlayment and flip over so vapor barrier side is facing up and butt seams together, ensure seams run perpendicular to the flooring seams
2. Adhere to subfloor using pressure sensitive adhesive and recommended trowel size and install method
3. Roll over the underlayment with a 75 or 100 pound roller
4. Adhere flooring over the top using floor manufacturer's recommended adhesive and trowel size. Follow all adhesive manufacturer's instructions for appropriate bonding

*ENSURE TO READ THE COMPLETE INSTALLATION INSTRUCTIONS BEFORE INSTALLATION

APPROVED SUBSTRATES

- Dry, completely cured concrete (at least 28 days old)
- Concrete and masonry blocks
- Cement backer units (CBU)
- Cementitious screeds, leveling coats and mortar beds
- Waterproofing and crack-isolation membranes
- Wood, plywood, or OSB subfloors that meet NWFA Subfloor
- Guidelines and Specifications, and meet applicable building codes
- Cement terrazzo floors
- Suitable with radiant heat systems

SPECIFICATIONS

- Physical Properties: Blended synthetic fibers and polyethylene film. Inert hot-melt adhesive.
- Weight..... 9 lbs/100sf roll : 32.4 lbs/360sf roll
- Thickness 1.4mm
- Density 18.28 lbs / ft³
- R-Value(@1.4mm)0.34 hr-ft²-degF/Btu (5.75/ inch)
- Compression Resistance @ 25% (ASTM D1667)2.97psi
- Compression Resistance @ 30% (ASTM D1667)6.11psi
- Compression Resistance @ 50% (ASTM D1667)64.58psi
- Compression Set @ 25% (ASTM D1668) 8.8%
- WVTR 1.31lbs / 1000 sqft / 24 Hours
- Antimicrobial Protection Yes

SOUND PROPERTIES

Impact Sound Transmission

The method is designed to measure the impact sound transmission performance of a floor-ceiling assembly in a controlled laboratory environment.

IIC	Flooring	Sub-floor
70	5mm Vinyl Plank	over a 6" concrete subfloor with a suspended ceiling assembly
55	5mm WPC	over a 6" concrete slab

Sound Transmission Loss

The sound-insulating property of a partition element is expressed in terms of the sound transmission loss.

STC	Flooring	Sub-floor
62	5mm Vinyl Plank	over a 6" concrete subfloor with a suspended ceiling

Delta Test

Tests the impact insulation difference between a bare concrete subfloor with no flooring materials and the same concrete subfloor with flooring and underlayment.

Delta IIC	Flooring
Up to 28	Corelux under 5mm Vinyl Plank

LIMITATIONS

Corelux is not suitable for use as underlayment for:

- Ceramic tile
- Carpet
- Sheet-vinyl
- VCT

*Commercial applications require minimum floor thickness of 4mm

Installations over concrete in high moisture areas (vapor emission rate above 6 lbs/ 1000 sq ft/ 24 hrs) will require additional protection such as a concrete sealant or polyethylene vapor barrier.

SUSTAINABILITY AND LEED

- Corelux contains post industrial/pre-consumer fibers.
- Corelux is LEED™ compliant and will contribute to:
 - MRC4.1-4.2 recycled content credit
 - EQ 4.3 low-emitting materials credit
- Corelux is GreenGuard Gold certified

Volatile Organic Compounds (VOC) Meets low emissions standards with zero offgassing.