

# SoundStep

## LUXURY VINYL

Delta  $\Delta$  IIC <sup>UP TO</sup> 22  
**IIC 70**  
**STC 62**  
\*With ceiling assembly

**For Use Under**

- Vinyl Plank
- WPC/SPC/Rigid Core
- Laminate
- Solid/Engineered Hardwood

**Installation Methods**

- Floating
- Double Glue Down
- Mechanically Fastened



MULTILAYER FLOORING UNDERLAYMENT



EXCELLENT SOUND CONTROL



EXCLUSIVE MOISTURE PROTECTION



COST EFFECTIVE RELIABILITY

### 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. 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

#### SOLID & ENGINEERED NAIL-DOWN HARDWOOD

1. Be sure the subfloor is clean and free of dust and debris
2. Unroll the underlayment and place embossed side down to the subfloor.
3. Install underlayment in opposite direction to the laminate or hardwood floor. Start in a corner and roll out underlayment, installing it flush to the walls.
4. Continue the next row in the same manner until the whole room is covered. You can tape the seams but it is not necessary.
5. Install the hardwood per manufactures written instructions. Install baseboard slightly off floor to avoid flanking path.

\*ENSURE TO READ THE COMPLETE INSTALLATION INSTRUCTIONS BEFORE INSTALLATION

### ADVANTAGES

- Excellent sound rating: Delta  $\Delta$  sound rating = Up to 22
- Designed to support all luxury vinyl and multilayer flooring
- Superior compression characteristics for support
- Reduces reflective noise & floor sound transmission
- Can use over concrete and wood subfloors
- Suitable over radiant heated floors

### LIMITATIONS

SoundStep is not suitable for use as underlayment for:

- Ceramic tile
- Carpet
- Sheet-vinyl
- VCT

Installations over concrete in high moisture areas (vapor emission rate above 3 lbs/ 1000 sq ft/ 24 hrs) will require additional protection such as a concrete sealant or polyethylene vapor barrier.

### 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

### TECHNICAL DATA

- Weight ..... 3 lbs. per Roll
- Thickness ..... 1mm
- Density ..... 8# (+/-10%)
- WVTR..... 0.18 lbs/100sqft/day per ASTM E96
- Compression Resistance@25% ..... 11.5 psi
- Compression Resistance@50% ..... 23.5 psi
- Compression Set@25% ..... 11.00%
- R-Value(@1mm) ..... 0.20 hr-ft<sup>2</sup>-degF/Btu
- Antimicrobial Protection..... No
- Lip & Tape Feature..... Optional

### 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	4mm Floating Plank	over a 6" concrete subfloor with a suspended ceiling
50	4mm Floating Plank	over a 6" concrete subfloor with NO ceiling
69	2mm Glued Plank	over a 6" concrete subfloor with a suspended ceiling

#### 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	4mm Floating Plank	over a 6" concrete subfloor with a suspended ceiling
51	4mm Floating Plank	over a 6" concrete subfloor with NO ceiling
61	2mm Glued 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 22	SoundStep LV under 4mm Luxury Vinyl Tile

### PACKAGING

36"x33.3' (100 sq ft) do-it-yourself size rolls.

SSXLLV100LT (Lip & Tape)  
 SSXLLV100 (Without)

118 rolls per pallet | 64 pallets per truck

36" x 200' (600 sq ft) do-it-yourself size rolls.

SSXLLV600

