

# SoundStep XL

**IIC** UP TO 74  
**STC** UP TO 72  
 \*With Ceiling Assembly



**For Use Under**

- Laminate
- Engineered Wood
- Solid Wood

**Installation Methods**

- Floating
- Double Glue Down



SOUND ABSORPTION



MOISTURE PROTECTION



COMPRESSION RESISTANT



COST EFFECTIVE

## INSTALLATION METHODS

### FLOATING FLOORS

1. Roll out underlayment vapor barrier side up and butt seams together
2. Tape seams with provided lip & self seal tape
3. Click & lock floating floors over the top according to manufacturer

### DOUBLE GLUED DOWN FLOORS

1. Roll out underlayment with the vapor barrier side up and butt seams together
2. With a utility knife cut off the overhanging lip/flap before applying adhesive
3. Adhere to subfloor using recommended flooring manufacturer's adhesive and recommended trowel size and install method
4. Roll over the underlayment with a 75 or 100 pound roller
5. Adhere flooring over the top using manufacturer's recommended adhesive and trowel size

\*ENSURE TO READ THE COMPLETE INSTALLATION INSTRUCTIONS BEFORE INSTALLATION

## ADVANTAGES

- Excellent sound rating: Delta $\Delta$ sound rating = 23
- Exceeds requirements for moisture vapor transmission
- Superior compression characteristics for support
- Reduces reflective noise & floor sound transmission
- Can use over concrete and wood subfloors
- Suitable over radiant heated floors
- Features lip & tape for easy and fast installation
- Eliminates minor subfloor imperfections
- Humidity, mold & mildew resistant

## LIMITATIONS

SoundStep XL 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

## PACKAGING

48" x 25' (100 sq ft) do-it-yourself size rolls.

Rolls per pallet: 50  
 Pallets per truck: 60

**SSXLPE100BLSS**

48"x 150' (600 sq ft) Contractor size rolls.

**SSXLPE600BLSS**

## TECHNICAL DATA

- Weight ..... 5 lbs.
- Thickness ..... 2mm
- Density ..... 7.62lbs/ft<sup>3</sup>
- WVTR..... 0.16lbs/1000ft<sup>2</sup>/24 hour day
- Compression Resistance @ 25% (ASTM D1667) ..... 13.6psi
- Compression Resistance @ 30% (ASTM D1667) ..... 17.8psi
- Compression Resistance @ 50% (ASTM D1667) ..... 47.2psi
- Compression Set @ 25% (ASTM D1668) ..... 12.6%
- Breaking Strength..... 22.1 lbs

## 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
67	Laminate	over a 6" concrete subfloor with a suspended ceiling
74	8mm WPC	with ceiling assembly

### SOUND TRANSMISSION LOSS

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

STC	Flooring	Sub-floor
63	Laminate	over a 6" concrete subfloor with a suspended ceiling
61	8mm WPC	with ceiling assembly
72	9.9mm laminate	with 6" slab with 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 23	SoundStep XL under Laminate

