

Shaw SL100

Shaw Selitac SL100 Underlayment for Laminate and Hardwood Flooring Instruction Manual

INTRODUCTION

The Shaw Selitac SL100 Underlayment is designed to provide a stable and insulating layer for laminate and hardwood flooring installations. This fine-celled, extruded polystyrene foam underlayment offers excellent thermal insulation and significant sound reduction properties, including both impact (transmitted) and in-room (reflective) sound insulation. It is engineered for ease of installation, featuring a lightweight design that is simple to lay, latch, and cut.



Figure 1: A roll of Shaw Selitac SL100 Underlayment, featuring its reflective foil surface with grid lines for easy cutting.

SETUP AND INSTALLATION

Proper preparation of the subfloor is crucial for a successful installation. Ensure the subfloor is clean, dry, level, and free from debris. The Shaw Selitac SL100 Underlayment is suitable for use under laminate and hardwood floors.

Installation Steps:

1. **Prepare the Subfloor:** Clean the subfloor thoroughly. Address any unevenness or damage before laying the underlayment.
2. **Unroll the Underlayment:** Begin unrolling the Shaw Selitac SL100 Underlayment across the subfloor, ensuring the reflective foil side faces upwards. The roll size is approximately 4 feet wide by 25 feet long, with a thickness of 2 mm.
3. **Cut to Size:** Utilize the grid lines printed on the foil surface for precise cutting. A utility knife or box cutter can be used for this purpose.
4. **Join Sections:** Lay subsequent rolls or cut sections edge-to-edge. The underlayment is designed to latch together, minimizing gaps. For enhanced moisture protection and sound dampening, it is recommended to seal the seams with appropriate underlayment tape (not included).
5. **Install Flooring:** Once the underlayment is laid across the entire area, proceed with the installation of your laminate or hardwood flooring according to the flooring manufacturer's instructions.

PERFORMANCE CHARACTERISTICS

The Shaw Selitac SL100 Underlayment is engineered to enhance the comfort and longevity of your flooring. Its key performance features include:

- **Thermal Insulation:** The reflective foil layer and polystyrene foam core provide excellent thermal insulation, helping to maintain room temperature and potentially reduce heating costs.
- **Sound Insulation:** This underlayment offers superior sound reduction, with an IIC (Impact Insulation Class) rating of 69 and an STC (Sound Transmission Class) rating of 66. This helps to minimize both transmitted sound to rooms below and reflective sound within the room.
- **Moisture Protection:** The foil layer acts as a vapor barrier, protecting your flooring from moisture originating from the subfloor.
- **Subfloor Imperfection Correction:** The foam material helps to bridge minor subfloor imperfections, providing a smoother surface for your finished flooring.

MAINTENANCE

As an underlayment, the Shaw Selitac SL100 requires no direct maintenance once installed beneath your flooring. Its durable construction is designed for long-term performance. For the longevity of your entire flooring system, follow the maintenance guidelines provided by your laminate or hardwood flooring manufacturer.

TROUBLESHOOTING

While the Shaw Selitac SL100 Underlayment is designed for reliable performance, certain issues may arise during or after installation. This section addresses common concerns.

Common Issues:

- **Crinkling or Crinkly Noise:** Some users have reported a crinkling or "crinkly paper" noise when walking across the installed floor. This sound may occur due to movement between the underlayment panels or delamination of the foil layer from the foam. This is a known characteristic of the product's design. Ensure proper installation, including tightly butted seams and, if recommended, taping of seams to minimize movement.
- **Uneven Flooring:** If the finished floor feels uneven, it may indicate an improperly prepared subfloor. The underlayment can compensate for minor imperfections, but significant dips or humps in the subfloor must be addressed prior to underlayment installation.
- **Moisture Issues:** While the underlayment provides a vapor barrier, persistent moisture problems may indicate a severe subfloor moisture issue or improper sealing of seams. Ensure all seams are properly taped if moisture protection is a primary concern.

If you experience persistent issues, review the installation steps carefully and consider consulting with a professional flooring installer.

SPECIFICATIONS

Brand	Shaw
Model Number	SL100
Manufacturer	Shaw Floors
Material	Polystyrene
Item Thickness	2 Millimeters
Roll Dimensions	48 inches (4 feet) W x 300 inches (25 feet) L
Coverage	100 square feet (per roll)
Item Weight	2.5 pounds
Sound Insulation Rating	IIC 69, STC 66
Recommended Uses	Underlayment for hardwood or laminate floors
UPC	735090779177, 765894710670, 786714930672

WARRANTY AND SUPPORT

Specific warranty details for the Shaw Selitac SL100 Underlayment were not provided in the product data. For information regarding product warranty, technical support, or any other inquiries, please contact Shaw Floors directly through their official website or customer service channels. It is advisable to retain your purchase receipt and any product packaging for warranty claims.