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### **SLVT Plus / SB61 Underlayment Installation Instructions**

DIAMONDLIVING underlayment is quick and easy. Please follow the simple steps below for a successful underlayment installation.

Upon Delivery of DIAMONDLIVING Underlayment Product:

- a) Verify packing slip matches with product and order.
- b) Inspect delivered product thoroughly. Report any discrepancies of original order, product defects, etc. No reimbursement/warranty claim will be given/honored for labor performed on material installed with visual defects. Any defects – size, color, or otherwise – must be reported to the place of purchase prior to installation.
- c) Store DIAMONDLIVING Underlayment product and adhesives in clean, dry, environment with temperatures between 70° and 95° F.
- d) Read product and sub-surface floor preparation, instructions, warranty and other disclaimers carefully and completely before beginning any installations.

Sub-Floor Preparation:

#### **Concrete Subfloor:**

- The underfloor or subfloor must be thoroughly even, dry, clean and solid. Carpet staples and glue residue must be removed and floor must be clean to ensure proper installation.
- Check that subfloor is flat and smooth by using a 6' level or straight edge in order to check for gaps greater than 1/8" on 6' or 3/16" on 10'. If there are any that are greater than this you need to patch low spots with a Portland Base patch product. If you come across high spots in your concrete subfloor then this area should be sanded down to evenly match the remainder of the subfloor area before installing DIAMONDLIVING product.
- Floors must be carefully checked for moisture problems. Vapor Emission of the concrete must not exceed a maximum of 3lbs in concrete subfloors. The subfloor should be tested by a calcium chloride test and results should be retained for any future warranty claim. Any moisture

problems need to be resolved before installation. New concrete needs to cure for at least 120 days before installation.

### **Wood Subfloor:**

- The underfloor or subfloor must be thoroughly even, dry, clean and solid. Carpet staples and glue residue must be removed, and floor must be clean to ensure proper installation.
- Subfloors should be made of 3/4" CDX plywood or 3/4" O.S.B. Board with floor joists on 16" centers. Moisture test should be performed with invasive type pin meter and results should be retained for any future warranty claim. Moisture content should be no greater than 12%.
- Check that subfloor is flat and smooth by using a 6' level or straight edge in order to check for gaps greater than 1/8" on 6' or 3/16" on 10'. If there are any that are greater than this you need to patch low spots with a patch product that mixes with latex (example: Mapei™ Planipatch™ and mix in Planipatch Plus, *Planipatch Plus™ is an acrylic latex additive for use with Planipatch.*). If you come across high wood in your wood subfloor then this area should be sanded down to evenly match the remainder of the subfloor area before installing DIAMONDLIVING product.

### **Basic Installation Instruction:**

1. Before you start the installation process, be sure to check for protruding nails and defects in the subfloor along with any dust or debris.
2. Install one roll of DIAMONDLIVING underlayment parallel to the wall and in the opposite direction you plan to install the flooring planks to reduce seams. Next, you will need to cut the underlayment with a utility knife leaving at least 2" going up the wall. Now you should install the planks but while doing this, please be sure that you are able to see the edges of the underlayment so that you can accurately line up the next roll. (Install the surface flooring according to the flooring manufacturer's written installation instructions.)
3. Now by butting the seams together tightly, install the next roll of DIAMONDLIVING underlayment. Do not allow peaking or overlapping of seams. Tape the seams together with 2-inch moisture resistant polyethylene or natural rubber Underlayment Tape that meets industry standards. Some approved brands include but not limited to Roberts Red Seam Underlayment Tape & Floorcomfort Underlayment Tape. Do not use duct tape, masking tape or any kind of tape.
4. that contains paper or fibers, these will break down over time.) Make sure there are no penetrations through DIAMONDLIVING underlayment. If any, seal all tears or penetrations using duct tape or other utility grade polycoated cloth backed tape with an aggressive adhesive that meets the moisture vapor transmission rate for this type of installation.
5. As in step 3, please continue to install the underlayment and planks in the remainder of the room. The final 2" of the underlayment that you left on the wall will be covered by the trim or moldings.
6. For installations that require the LVT to be glued to the underlayment, use the manufacturer's guidelines for adhering its product properly to the underlayment and use an acrylic or pressure-sensitive adhesive with the same properties as (based on the adhesive manufacturer's requirement/ specifications):

- DriTac 9100 Contractors Choice Polymeric Resin Adhesive
- DriTac 9200 FasTac Polymeric Resin Adhesive

to adhere the underlayment to the subfloor.

**For single (glue underlayment to the floor only)/double glue installations**, use an acrylic or pressure-sensitive adhesive with the same properties as:

- DriTac 6200 Premium Pressure Sensitive Flooring Adhesive
- DriTac Eco-6200GR Premium ‘Green’ Pressure Sensitive Flooring Adhesive
- DriTac 9100 Contractors Choice Polymeric Resin Adhesive
- DriTac 9200 FasTac Polymeric Resin Adhesive
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(based on the adhesive manufacturer's requirement/ specifications) with 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. (Install the surface flooring according to the flooring manufacturer's written installation instructions.)

Disclaimer:

These instructions have been prepared to assist purchasers of DIAMONDLIVING Underlayment in the recommended installation procedure. The installation guidelines represent a typical installation work procedure and the information contained herein is believed to be reliable. However, every site and product is different and DIAMONDLIVING, LLC does not claim to have covered all possible installation circumstances in these instructions. **Some LVT products require the product to be adhered to the underlayment for proper installation. Please check with your manufacturer to assist with your particular product.** Please contact a qualified and experienced flooring professional to assist with any particular installation procedure.