



## **Underlayment Installation Instructions**

DIAMONDLIVING underlayment is quick and easy with a 3-in-1 roll which includes overlap and tape. 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 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 minimum of 3lbs and a maximum of 5lbs in concrete subfloors. Follow adhesive manufacturer's recommendation. 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 solved before installation. New concrete needs to cure for at least 120 days before installation.
- This product is not suitable for damp rooms such as bathrooms, saunas, rooms with damp concrete, rooms with floor drains or rooms that could potentially flood.
- For installation on concrete floors or any floors over a crawl space a vapor barrier MUST be laid down first. Use 6 mil poly. Run the poly 5cm (2") up walls and overlap seams 45cm (18"). Tape seams.

## **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 Portland Base patch product. If you come across high wood in your wood subfloor then this area should be sanded down to evenly match the remaindered of the subfloor area before installing DIAMONDLIVING product.
- This product is not suitable for damp rooms such as bathrooms, saunas, rooms with damp concrete, rooms with floor drains or rooms that could potentially flood.
- For installation on wood floors or any floors over a crawl space a vapor barrier MUST be laid down first. Use 6 mil poly. Run the poly 5cm (2") up walls and overlap seams 45cm (18"). Tape seams.

## **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. DIAMONDLIVING underlayment must be installed with the barrier (i.e., vapor or silver thermo foil barrier) facedown on subflooring. If underlayment has a barrier on either side then the silver thermo foil barrier will be faced up and the other barrier (i.e. vapor barrier) will be facedown.
3. 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.)
4. Now by butting the seams together tightly, install the next roll of DIAMONDLIVING underlayment. Do not allow peaking or overlapping of seams. DIAMONDLIVING underlayment comes standard with an overlap and tape. 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.
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.

**Disclaimer:**

**These instructions have been prepared to assist purchasers of DIAMONDLIVING Building Products 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 is different and DIAMONDLIVING Building Products, LLC does not claim to have covered all possible installation circumstances in these instructions. Please contact a qualified and experienced flooring professional to assist with any particular installation procedure.**

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