

Instruction Manual

Privacy Ultimate Underlay



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WARRANTY

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The following recommendations for applications and installation are based on our extensive experience and on current technological practice. Our liability and responsibility in the event of damages are limited to the extent defined in our General Terms and Conditions of Business and are not in any way increased by these recommendations or by advice given by our sales representatives or applications engineering staff.

WARRANTY

Privacy Ultimate Underlay is manufactured under a contract by Duro International, and guaranteed by Duro International to be free of manufacturing defects in both material and workmanship. If such a defect is discovered, the customer must notify Duro directly or through the contracting installer or distributor. If found to be defective within five years, the sole remedy against the seller will be either the replacement or repair of the defective goods, or at the seller's option, credit may be issued not exceeding the selling price of the defective goods.

The Privacy Ultimate Underlay warranty shall not cover dissatisfaction due to improper maintenance or usage or general misuse, including, without limitation, burns, cuts, tears, scratches, scuffs, indentation damage from high heels, rolling loads, damage or discoloration from floor care products, extended exposure to direct sunlight or differences in color between samples or photographs and actual flooring.

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PART I – Required Materials

Privacy Ultimate Underlay can be installed under most types of stone and tile floors, floated and glued down wood floors, hardwood floors and carpet.

1. Privacy Ultimate Underlay Material
2. Privacy Ultimate Underlay Isolation Strip
3. Foil Seam Tape
4. Carpet or Utility Knife
5. SilenSeal Acoustical Caulk

Note: When using grouted flooring materials, such as ceramic tile, marble and stone, Privacy Ultimate Underlay must be glued down, or set into latex modified thinset, see part IV.

Materials for Glue-Down Method:

1. Privacy DA-5 adhesive is used for glue down installation of Privacy Ultimate Underlay to wood or concrete sub floors, and to attach plywood over Privacy Ultimate Underlay. Coverage is 300 sqft per 5 gallon pail. Finished flooring must be installed with a solvent free, urethane adhesive as suggested by the flooring manufacturer. Select from approved adhesives listed in Part VII.
2. Trowel, as required by adhesive manufacturer.
3. 50-75 lb. roller

Materials for Thin-set Method:

1. Latex Modified Thin-set must be used to install Privacy Ultimate Underlay. Select from list in Part VII.
2. Trowel, as required by mortar manufacturer.
3. 100 lb roller.

PART II – Subfloor Preparation

Privacy Ultimate Underlay can be installed under most types of stone and tile floors, floated and glued down wood floors, hardwood floors and carpet.

Wood Subfloors

1. Wood subfloors must be a minimum 1" thick double construction. Deflection should meet ANSI standards, as required by the finish floor manufacturer.

Concrete Floors

1. Slabs must be covered and wet cured for a minimum of 28 days prior to the installation of Privacy Ultimate Underlay.
2. Areas that are to receive finished flooring, that will be by thin-set method, must have a wood-float finish – true to within 1/8" (3mm) in 10' (3m) and pitched toward drains where required.
3. It is the installer's responsibility to test the concrete for moisture. Any concrete slab can be a source of moisture.
4. Areas requiring fill, patching or leveling must be prepared by the general contractor using a self-leveling underlayment or a skim coat and patching compound in accordance with the manufacturer's instructions.

Subfloors should be dry, clean, smooth, level and structurally sound. Subfloors must be free of dust, oil, solvent, paint, wax, oil, grease, asphalt, sealers, curing and hardening compounds, alkaline salts, old adhesive, residue and other extraneous materials according to ASTM F710.

If a vapor barrier is required, Privacy Ultimate Underlay can be manufactured with one; for a loose laid installation specify any of the following products:

1. Ardex MC
2. Durabond D250-D261
3. Sika MB

PART III – Placing and Trimming

Privacy Ultimate Underlay can be installed under most types of stone and tile floors, floated and glued down wood floors, hardwood floors and carpet.



It is essential to install Privacy Ultimate Underlay with a Perimeter Isolation Strip (PIS); using strips of 3.2 mm or 6mm Privacy Ultimate Underlay is acceptable. PIS should be in place prior to placing and trimming Privacy Ultimate Underlay. Do not install baseboard until finished topping is installed.

- A. Glue the PIS to the wall perimeter of the entire subfloor, as well as around the perimeter of any protrusions, in order to isolate or break the vibration transmission path between the floor and the wall (see diagram #1)
- B. Fasten the PIS in place with tape or spot gluing. The PIS will later be trimmed flush with the new top layer of finished flooring.
- C. Make the assumption that the walls you are butting up against are not square. Using a chalk line, create a starting point for an edge of the material to follow.

Unroll material onto the floor. Lay the material in such a way that you will use your cuts efficiently. Cut each roll to the required length.

- D. Lay Privacy Ultimate Underlay perpendicular to the subsequent installation direction of finished flooring (see diagram #2).
- E. The ends of each section may be trimmed as necessary in order to fit the surface area to be covered. Trim section ends to exact dimensions required (e.g. joints with walls, etc.).
- G. Maintain the required ambient conditions for adhesive application and bonding.

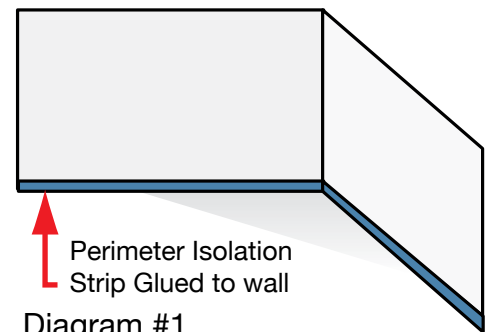


Diagram #1

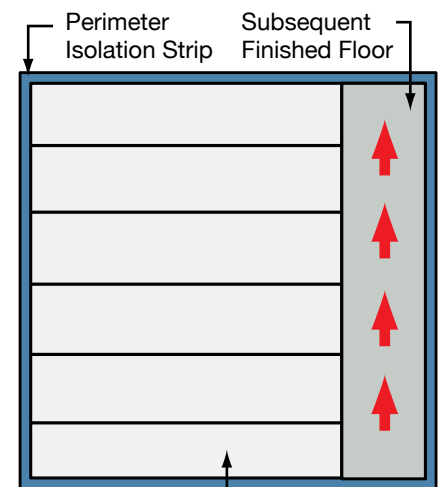


Diagram #2

PART IV – Installing Privacy Ultimate Underlay

Privacy Ultimate Underlay can be installed under most types of stone and tile floors, floated and glued down wood floors, hardwood floors and carpet.

Method 1: Glue Down

Full glue down of Privacy Ultimate Underlay is required for all types of finished flooring materials unless the floor is considered to be floating.

1. Roll out a section of Privacy Ultimate Underlay and fold the material back halfway.
2. Depending on the type of adhesive used, choose a suitable applicator (see part I) and apply the adhesive evenly over the substrate.
3. Lay Privacy Ultimate Underlay into the wet adhesive. **Do not** allow the material to “flop” into place. This may cause air entrapment.
4. Immediately roll the floor using a 50-75lb roller to ensure proper adhesive transfer. Overlap each roll pass of the roller 50% of the previous pass. Roll the width first, then the length.
5. Fold the second half of the roll back over the first half of the material. Spread the adhesive at right angles to the seams in order to prevent the adhesive from oozing up through the seam.
6. Make sure the lengthwise edge of the material is aligned exactly with that of the neighboring section. Edges must contact but not overlap (see diagram 3).
7. Repeat procedure for the next section of underlay.
8. Fix problem areas (e.g. over stairs, contours and edges) in place using adhesive.

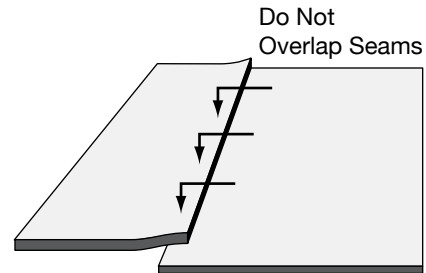


Diagram #3

Method #2: Thin-Set Mortar

Using a Thin-Set Polymer Modified Mortar is an alternative installation method.

1. Apply specified mortar (see Part VII) as directed.
2. Apply only enough mortar as can be covered with Ultimate Underlay within a 20-30 minute time period.
2. Roll Ultimate Underlay into place. Once set, use a 100 lb roller to set Ultimate Underlay in place.

Method #3: Tape Down

Glue or thin-set fixing of the Privacy Ultimate Underlay is not required but is recommended for non-grouted, floating flooring material installations.

1. Dry lay the rolls onto the subfloor using the Placing and Trimming Method described in Part III.
2. Use Foil Tape from Sound Isolation Company to secure butt joints and seams.

PART V – Installation of Topping

Privacy Ultimate Underlay can be installed under most types of stone and tile floors, floated and glued down wood floors, hardwood floors and carpet.

A. Plywood

1. When the installation calls for plywood over Privacy Ultimate Underlay, the plywood is to be glued to Privacy Ultimate Underlay with Privacy DA-5 Adhesive. Mechanical fasteners should be used to hold material in place for 48 hours. Remove fasteners and fill holes with SilenSeal Acoustical Caulk before installing finished floor.

B. Ceramic Tile or Stone

1. Apply selected mortar (Part VII) over Ultimate Underlay as directed by mortar manufacturer.
2. Do not spread more mortar than can be covered in a 20-30 minute time period.
3. Tap or beat the tile into place to ensure 90-100% coverage. Remove a tile periodically to check for adequate coverage.

C. Wood

1. Place and fix floor covering, carefully observing floor covering manufacturer's instructions.
2. Use only a solvent free, urethane adhesive as recommended by flooring manufacturer. Follow all instructions carefully.

PART VI – Installation of Baseboard

Privacy Ultimate Underlay can be installed under most types of stone and tile floors, floated and glued down wood floors, hardwood floors and carpet.

NOTE: If a baseboard is required, install the baseboard after the finished floor has been installed.

- A. After the finished floor is installed, trim the excess Ultimate Underlay Perimeter Isolation Strip around the entire perimeter of the finished floor (see diagram #4).
- B. Base board should not rest on the finished floor; a minimum 1/8" gap should be maintained. Attach baseboard to wall with adhesive or mechanical fasteners, and caulk the gap at finished floor with SilenSeal Acoustical Caulk.
- C. Seal the entire perimeter with a permanently flexible acoustical caulk.

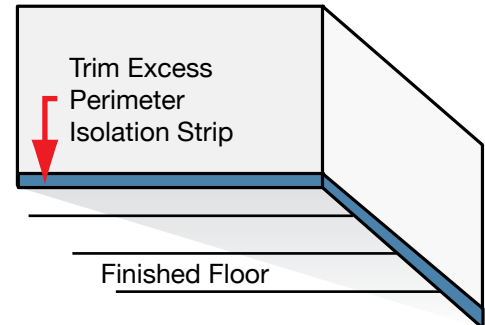
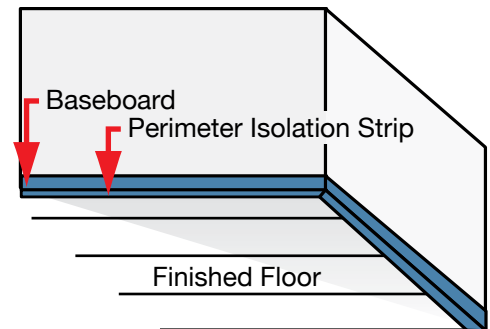


Diagram #4



Do Not Allow Baseboard To
Touch Finished Floor

Diagram #5

PART VII – Recommended Materials

NOTE: All materials shall be delivered to the job site in the original containers with the manufacturer's identification on each package. Unauthorized modification to any product is not permitted. The following materials are listed because of their extensive testing and field experience with Privacy Ultimate Underlay.

For attachment of Privacy Ultimate to wood or concrete sub floor, Privacy DA-5 adhesive is recommended

A. Urethane Adhesives

1. Chem Rex 941, available from SIC
(888) 666-5090
2. Bostik's Best® by Bostik®
(800) 592-88583
3. DriTac 7500/7600 by DriTac
(800) 394-93104
4. Henry #971
(800) 232-4832

B. Grout Materials

1. ARDEX Flex Grout
2. TEC 100% Solids Epoxy Grout
3. TEC Accucolor® Premium Grout
4. Custom Building Products'
100% Solid Epoxy Grout
5. Custom Building Products' PolyBlend®
6. Bostik Hydroment Joint Filler

C. Thin-Set Materials

1. ARDEX FB9L
(724) 203-5000
2. ARDEX X701
3. ARDEX X7G Plus
4. ARDEX S16
5. Bostik® Hydroment® Single-Flex™ Mortar
6. TEC™ 1Flex® (800) 832-9002
7. TEC Super Flex™
8. TEC Full Flex®
9. Custom Building Products' VersaBond®
(800) 272-8786
10. Custom Building Products' FlexBond®
11. Custom Building Products'
Masterblend® with CustomFlex