

DUROCK™  
Tile Membrane



installation  
guide



**DUROCK™ Brand Tile Membrane...**  
**A water barrier for superior tile bond.**

**This thin, waterproof membrane is used under ceramic floor tile to protect water-sensitive materials from damage, providing superior tile bond for bathrooms, kitchens, laundry rooms and foyers. Easily cut with a pair of scissors, DUROCK Tile Membrane is more convenient and less expensive to install than other membrane products.**

cementitious side (dark)

back side (light)



## Start with Quality Products

### **DUROCK™ Tile Membrane**

225 sq. ft. rolls, 3' wide. Ideal for floor tile jobs.

### **DUROCK™ Brand Tile Mastic**

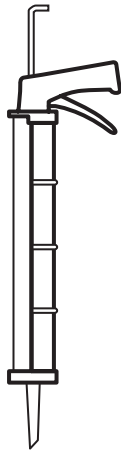
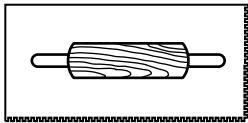
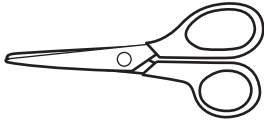
Family of products featuring ready-mix convenience, excellent tile bond strength, and sag and water resistance.

### **DUROCK™ Brand Latex-Modified Mortar**

Family of products featuring superior durability with varying setting times.

## Tools

In general, common tools like scissors, a straightedge and a notched trowel are used for tile membrane installation. Other tools you may need for installation include: tape measure, utility knife, caulk and caulking gun.



## Preparation

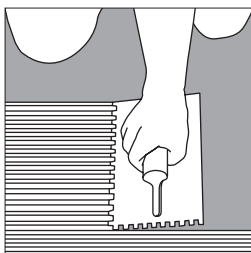
1. Ensure that the substrate is clean, even, flat, designed to support ceramic tile, and properly installed according to manufacturers' specifications.



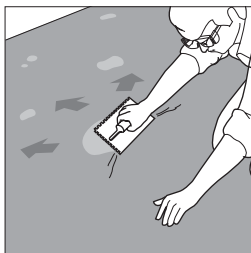
2. Substrate must be free of sealers, waxes, bond breakers, dust and dirt.
3. If DUROCK Tile Membrane is installed directly over the wood-based subfloor, ensure that all fasteners are seated correctly and there are no uneven joints. Sand or fill if necessary.

## Installation of Tile Membrane

1. Precut the full width of membrane to provide a tight fit to the perimeter of the room.
2. Spread Type 1 organic adhesive or latex-modified thin-set mortar over an area the full width of the sheet and as deep as can be comfortably reached, using a 1/16" U-notch trowel. Trowel adhesive in parallel rows across the width or length to avoid trapping air under the membrane.

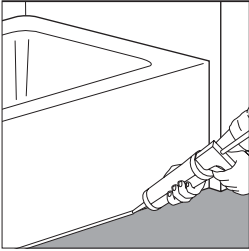


3. Install membrane with cementitious side up. Embed into adhesive, using the flat edge of the trowel or with a non-segmented hand roller. Start in the center of the sheet and work out towards the edges, removing all air bubbles. Overlap each row 2", making sure that an appropriate amount of adhesive is applied to the joint area.



## Installation of Flashing

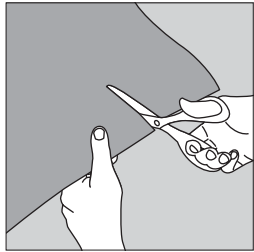
4. Areas unable to receive vertical flashing, such as pipe penetrations and bathroom tubs, should be sealed using a good quality silicone sealant. Run a continuous bead and tool the material to provide continuity to the membrane.



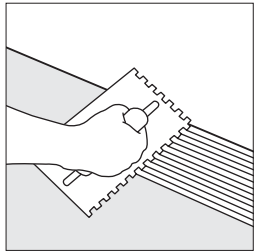
5. After a minimum 4-hour cure, install tiles with DUROCK Latex-Modified Mortar. Determine the correct trowel size based on tile size. Follow the tile manufacturer and ceramic tile industry standard for setting tile (ANSI A108).
6. Do not walk on floor for at least 48 hours after tile installation unless walking boards or plywood sheets are used.
7. Select, prepare and install grout in accordance with recommendations provided by grout manufacturer.

If flashing is required:

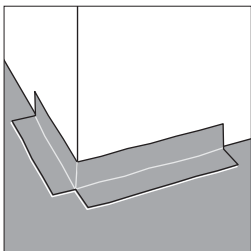
1. Cut 3"- 4" strip from end of DUROCK Tile Membrane roll. Pre-crease the material in half lengthwise, with half to be adhered to the floor and half to the vertical surface. Install all corner pieces first, then fill in between corners around the perimeter as necessary.



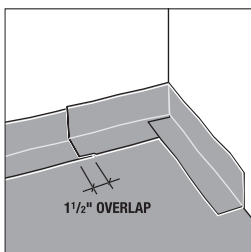
2. Apply a DUROCK Brand Tile Mastic or an ANSI 136.1 Type 1 organic adhesive with a 1/16" U-notch trowel on the floor only, not on the vertical surface.



3. Install membrane with the cementitious side up. For outside corners, make a relief cut and press into adhesive. Use the trowel's smooth edge to fully embed the material.



4. For inside corners, provide a relief cut, but place adhesive where the membrane folds over itself to ensure a water-durable connection. Overlap butt joints by 1-1/2" and use the mastic to ensure a water-durable connection. Apply adhesive to the vertical leg of the butt joint. Work the material carefully into position and smooth out, using the flat edge of the trowel.



5. Apply adhesive to the wall and press membrane flashing into it.
6. Allow membrane to cure for a minimum of 4 hours before setting tile.



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Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered.

**Safety First!**

Follow good safety and industrial hygiene practices during handling and installation of all products and systems. Take necessary precautions and wear the appropriate personal protective equipment as needed. Read material safety data sheets and related literature on products before specification and/or installation.

**For warranty or product information and literature:**

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