

1. Surface Preparation

Ensure the subfloor is stable, uniform, and smooth, free from irregularities that could cause punctures or tears.

The surface must be clean, dry, and free of dust or loose materials to ensure proper adhesion.

Verify that all areas have the correct slope and that expansion joints are properly sized.



2. Membrane Layout

Once the waterproofing area is defined, transfer measurements onto the SUPERDRY membrane and cut it as needed to fit around columns, pipes, or other obstacles.

Measure and mark the exact location where the membrane will be adhered using a chalk line.

IMPORTANT: Ensure the membrane overlaps by at least 4 inches (10 cm) for a secure seal.



3. Adhesion of the Membrane

Most subfloors are compatible with a cement-based adhesive classified as C2 S1/S2. QM recommends using **Laticrete 254 Platinum** or **Mapei Ultraflex LFT**.

1. To prevent premature drying, apply a thin layer of adhesive using a 1/4" x 1/4" notched trowel in small sections. Always comb the adhesive perpendicular to the direction of the membrane layout to ensure an even spread and strong bond. Never install the membrane over partially set adhesive.

Drying time may vary depending on different sun exposure conditions, so consider this when preparing the adhesive mixture and determining its consistency. It's important to follow the adhesive manufacturer's instructions carefully.

NOTE: For renovation projects, apply the cementitious adhesive directly over the existing floor, ensuring it meets the requirements stated in Step 1. If necessary, apply a primer to enhance adhesion.

2. Once the adhesive is applied, ensure the membrane is well adhered by pressing it down with a plastic trowel to remove any trapped air. Apply moderate pressure to avoid damaging the polyester surface of the membrane, working from the center outward. Allow sufficient drying time before sealing the joints, ensuring the adhesive fully cures and any residual moisture dissipates.

IMPORTANT: After installation, verify that the membrane is fully adhered across its entire surface.

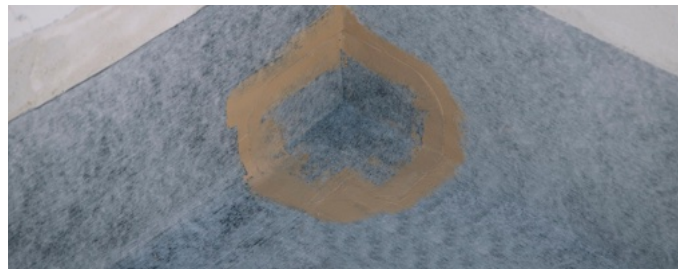


4. Seal Joints

To seal overlaps, use QM adhesive and a flat spatula to ensure the joint is completely covered. For corners and edges, use pre-molded pieces specifically designed for these areas, as well as for vertical surface transitions, walls, and drainage points. This ensures a fully waterproof system.

For proper bonding between sheets, apply a double seal:

1. Spread a thin layer of QM adhesive between the overlapping membranes.
2. Apply a final sealing coat over the joint with QM adhesive



5. Tile Installation

To install the tiles, use the appropriate cementitious adhesive based on the selected finish.

- For ceramic finishes, use an adhesive classified as C2 S1/S2.
- For large-format tiles, use a fast-setting cementitious adhesive to ensure proper drying and adhesion.

Follow the manufacturer's specifications carefully. QM recommends Laticrete **254 Platinum** and Mapei **Ultraflex LFT**.

1. Spread the adhesive over the membrane in thin layers using a notched trowel. For large tiles, back-butter the pieces for additional adhesion. Position the tiles onto the fresh adhesive, ensuring full contact, and tap lightly with a rubber mallet or ceramic tile vibrator to remove any air pockets.

2. Maintain proper leveling to ensure the required slope is met, and ensure that expansion and movement joints are properly constructed and filled.

WARNING: DO NOT leave membranes exposed. If the floor installation is delayed, always protect the installed membrane to maintain its integrity and ensure optimal adhesion.

