

Installation Guidelines

Driwall™ Membrane 40 mil

Self-Adhesive Waterproofing Membrane

Keene Building Products Driwall™ Membrane 40 mil should only be applied to structurally sound surfaces, which incorporate good building practices, and meet all local code requirements. Follow installation instructions set forth in the details and drawings provided in the project specifications.

Acceptable substrates for Driwall™ Membrane 40 mil are plywood, oriented strand board (OSB), concrete, metal, and like materials.

In all cases, the area to be covered must be free from rust, grease and oil. Additionally, the area must also be dry as residual moisture will interfere with proper adhesion.

Thoroughly clean the area removing all dust, dirt and debris.

*When applying over concrete:

- Ensure that the concrete has had adequate time to cure, typically seven days depending on ambient conditions.
- Area must be smooth and free of all surface imperfections. Fill any cracks greater than 1/16."

To ensure maximum adhesion, it is highly recommended that all substrates be primed with Driwall™ Membrane Adhesive. Follow application instructions for primer to ensure proper adhesion will be achieved.

Through Wall Flashing:

- Precut Driwall™ Membrane 40 mil to fit each location.
- Remove the release liner and position the membrane carefully before pressing it in place.
- Use a hand roller to press firmly in place to avoid air pockets and wrinkles.

Overlaps:

- All side laps must be a minimum of 3 inches.
- All ends that do not terminate at a Driwall™ Membrane interface must be sealed with KeeneSeal™ 100.

Driwall membrane 40 mil is to be installed a minimum of 4 inches above mortar deflection. It is recommended as a best practice to terminate the Driwall™ Membrane with a termination bar on the wall and drip edge on the brick ledge. When using a drip edge cut bottom edge of Driwall™ Membrane back 1/2 inch from the exterior surface of the building and adhere onto the drip edge.

Surface Preparation:

- Concrete shall be in place for a minimum of 7 days.
- Substrate must be completely dry.
- Surface shall have a smooth finish free of voids, sharp protrusions, laitance and form release agents.
- Block or brick walls shall have mortar joints struck flush.

Primer:

- Surfaces to receive Driwall™ Membrane 40 mil must be clean and dry.
- For best results, concrete, masonry and some exterior gypsum substrates require coating with Driwall™ Membrane Adhesive.
- Apply per manufacturer's recommendations.

Application:

- Precut Driwall™ Membrane 40 mil to fit each location.
- Remove siliconized release liner and position membrane carefully before pressing in place.
- Press firmly in place with a steel hand roller, taking care to avoid air pockets and wrinkles.
- Overlap adjoining pieces 3 inches.
- Cut bottom edge back 1/2 inch from exterior surface of building and place on drip edge.
- Be sure Driwall™ Membrane 40 mil is installed a minimum of four-inches above the mortar deflection.

Terminations:

- Press termination edges firmly in place with a hammer handle or similar tool.
- The use of a surface mounted termination bar or placing the flashing membrane into a joint of the inner back up wall is recommended for vertical terminations.
- ABP End Dams are recommended at horizontal terminations.

Note: Failure to use adequate pressure at terminating edges will result in a poor seal and a potential leak. For added protection it is recommended to use KeeneSeal™ 100 at all seams and terminations.

Important Notice:

- This document is provided for guidance only, it is not intended to cover all local code variations.
- Always follow industry “best practices” when installing this product.
- Always adhere to local building code.

Warning

- Do not store in conditions above 120°F.
- Do not install if ambient temperature is below 50°F.
- Not intended for long-term exposure to UV radiation or weather. Cover within 30 days.
- Not to be used in contact with PVC or other vinyl products.