



Driwall™ Drainable HOUSEWRAP

Driwall™ Drainable Housewrap is an innovative weather-resistant barrier designed to provide superior moisture management and durability for residential and commercial buildings. It facilitates rapid drainage of water and enhances the overall building envelope performance.

Driwall™ Drainable HouseWrap is constructed with a trilayer housewrap to provide great strength while also light weight to allow water vapor to pass through to protect the integrity of the wall cavity.

The importance of **Driwall™ Drainable Housewrap** lies in its moisture management capability. It prevents water accumulation inside wall cavities, reducing the risk of water damage and mold growth. Additionally, its breathability is key for maintaining indoor air quality and preventing internal condensation.

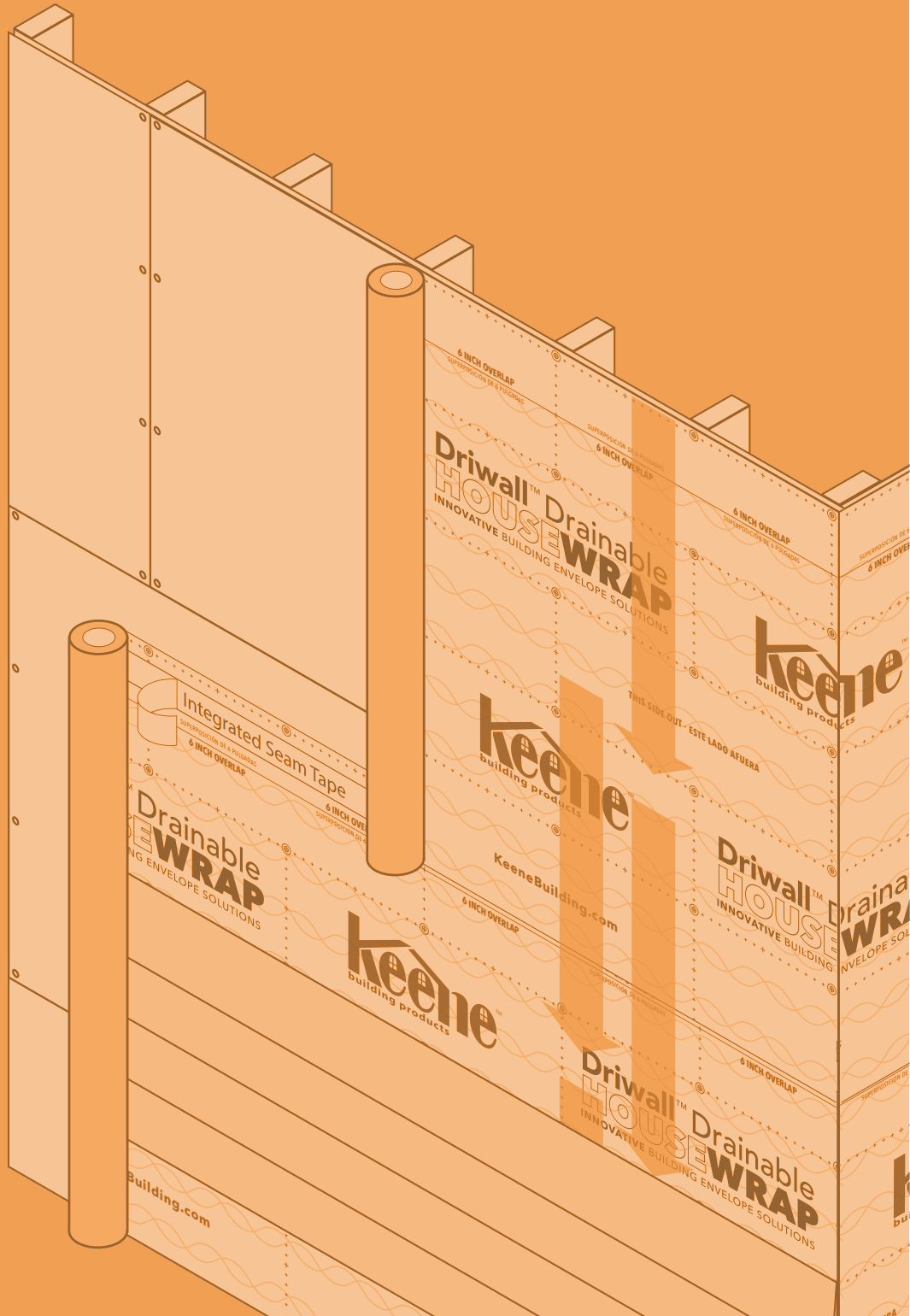
APPLICATIONS

For Siding, Shingles and Fiber-Cement Siding use **Driwall™ Drainable HouseWrap**

For Stucco use **Driwall™ Drainable HouseWrap** + felt paper + Lath

INSTALLATION ACCESSORIES

- Keene Flash300
- KeeneSeal 300
- Cap Stapler or Nailer
- Roller or Flashing Tool
- Utility Knife



Inspection of Wall Conditions

Ensure that the wall is free from structural defects, and anything installed prior is properly installed. Ensure the final system will have a path for moisture to escape from the wall. Keene Building Products **Driwall™ Drainable HouseWrap** should only be applied to structurally sound surfaces that incorporate good building practices and meet all local code requirements. Before starting any applications, check with your local building code requirements and read all manufacturers' installation instructions.

Installation Guide for Siding, Shingles and Fiber-Cement Siding

STEP 1

Place **Driwall™ Drainable HouseWrap** horizontally against exterior wall, with the plastic spacers facing away from the building. Start at the bottom of the wall and work up in a shingling technique. The overlap with tape should be on the top of the roll. The way the material is oriented should lead you to install left to right.

STEP 2

Position the first piece of **Driwall™ Drainable HouseWrap** to align with the top of the "V" on the **Driwall™ Weep Screed**.

STEP 3

Mechanically fasten with a cap nail, cap staple, or cap screw, following local code requirements; one fastener for each square foot.

STEP 4

Seam the next **Driwall™ Drainable HouseWrap** piece above the layer below. The fabric on the bottom of the new layer should line up with the plastic spacers on the top of the layer below. The plastic spacers should not overlap. Tack up, pull tight to be free of wrinkles, peel the tape from the previous layer below, and stick to the new layer above.

STEP 5

When you finish a roll & start a new one, vertically overlap the new fabric over the old by at least 6". When happening near an inside or outside corner, vertically overlap by at least 12".

STEP 6

Install siding, shingles and fiber-cement siding according to manufacturers' recommendations. When choosing fasteners, allow for thickness of **Driwall™ Drainable HouseWrap**.

Installation Guide for Stucco

STEP 1

Place **Driwall™ Drainable HouseWrap** horizontally against exterior wall, with the plastic spacers facing away from the building. Start at the bottom of the wall and work up in a shingling technique. The overlap with tape should be on the top of the roll. The way the material is oriented should lead you to install left to right.

STEP 2

Position the first piece of **Driwall™ Drainable HouseWrap** to align with the top of the "V" on the **Driwall™ Weep Screed**.

STEP 3

Mechanically fasten with a cap nail, cap staple, or cap screw, following local code requirements; one fastener for each square foot.

STEP 4

Seam the next **Driwall™ Drainable HouseWrap** piece above the layer below. The fabric on the bottom of the new layer should line up with the plastic spacers on the top of the layer below. The plastic spacers should not overlap. Tack up, pull tight to be free of wrinkles, peel the tape from the previous layer below, and stick to the new layer above.

STEP 5

When you finish a roll & start a new one, vertically overlap the new fabric over the old by at least 6". When happening near an inside or outside corner, vertically overlap by at least 12".

STEP 6

Install grade D paper or other code compliant WRB* over the **Driwall™ Drainable HouseWrap** following the manufacturer's recommendations.

STEP 7

Install expanded metal lathe or code approved stucco wire over the grade D paper according to the manufacturers' recommendations.

STEP 8

Apply stucco according to manufacturers' recommendations. Guidelines should include a weep method at the top & bottom of the wall for ventilation and drainage.

Installation Guide for Windows & Doors

FLASHING TAPE

HouseWrap First Cut Back Method - KeeneFlash 300

STEP 1

Apply **Drivall™ Drainable HouseWrap** according to the installation instructions above.

STEP 2

Completely cover the rough opening with **Drivall™ Drainable HouseWrap**.

STEP 3

Completely cut out the rough opening using the framing of the rough opening as a guide.

STEP 4

Cut the **Drivall™ Drainable HouseWrap** back 2" on both jambs.

STEP 5

Cut the **Drivall™ Drainable HouseWrap** back 45 degrees at the head corners about 6" & tack up for later.

STEP 6

Cut a "bow-tie" from the **KeeneFlash 300** flashing tape. Half will be installed where the jambs meet the sill & half will run onto the Drainable HouseWrap. ROLL the tape.

STEP 7

Cut a piece of flashing sill tape at least 1' longer than the sill.

STEP 8

This will supply us to completely cover the sill, run it onto the field, as well as flash at least 6" up the jambs on both sides. ROLL the tape.

STEP 9

Install the window according to the window manufacturers' recommendations. Skip flashing & caulking the sill to allow water that does enter the system to escape to the exterior.

STEP 10

Install flashing tape on both jambs. The jamb flashing tape should run past the sill flashing as well as 4"-6" above the window. ROLL the tape.

STEP 11

Should be a fully adhered system, meaning the flashing is attached to the **Drivall™ Drainable HouseWrap**, the sheathing, & the window flange.

STEP 12

Install drip cap if supplied or wanted according to manufacturers' recommendations.

STEP 13

Install head flashing tape horizontally at the top of the window/drip cap. This flashing should run at least 6" past both window jambs.

STEP 14

Fold the angled cut head flap, that was tacked up in previous steps, down.

STEP 15

Install flashing tape over the diagonal cuts made earlier. ROLL the tape.

Installation Guide for Windows & Doors

FLASHING TAPE

Windows First Cut Back Method - KeeneFlash 300

STEP 1

Cut an apron out of the **Drivall™ Drainable HouseWrap**. Apron should be cut 1' longer than the sill.

STEP 2

Fasten the apron to be in line with the opening of the sill.

STEP 3

Cut a "bow-tie" from the **KeeneFlash 300** flashing tape. Half will be installed where the jambs meet the sill & half will run onto the HouseWrap apron. ROLL the tape.

STEP 4

Cut a piece of flashing sill tape at least 1' longer than the sill. This will supply us to completely cover the sill, run it onto the field, as well as flash at least 6" up the jambs on both sides. ROLL the tape.

STEP 5

Install the window according to the window manufacturers' recommendations. Skip flashing & caulking the sill to allow water that does enter the system to escape to the exterior.

STEP 6

Install flashing tape on both jambs. The jamb flashing tape should run past the sill flashing as well as 4"-6" above the window. ROLL the tape.

STEP 7

Install drip cap if supplied or wanted according to manufacturers' recommendations.

STEP 8

Install head flashing tape horizontally at the top of the window/drip cap. This flashing should run at least 6" past both window jambs.

STEP 9

Apply **Drivall™ Drainable HouseWrap** according to the installation instructions above.

STEP 10

Cut the **Drivall™ Drainable HouseWrap** even with the window on the sill & head. Cut back 2" on both jambs to expose the flashed window jambs. Exercising caution to be sure not to cut through the flashing or apron below.

STEP 11

Cut the Drainable Housewrap horizontally about 6" at the corner of the jambs and sill to expose the apron. Exercising caution to be sure not to cut through the flashing or apron below.

STEP 12

Pull the apron out and pull over the newly installed Drainable Housewrap.

STEP 13

Tape the horizontal seams previously cut as well as the vertical seam where the apron meets the Housewrap before. ROLL the tape.

STEP 14

Apply jamb flashing over the current window flashing below. The tape will run from the window onto the Drainable Housewrap.

Installation Guide for Windows & Doors

LIQUID FLASHING

HouseWrap First Cut Back Method - KeeneSeal 300

STEP 1

Apply **Driwall™ Drainable HouseWrap** according to the installation instructions above.

STEP 2

Completely cover the rough opening with **Driwall™ Drainable HouseWrap**

STEP 3

Completely cut out the rough opening using the framing of the rough opening as a guide. Cutting the **Driwall™ Drainable HouseWrap** back 2" on both jambs.

STEP 4

Cut the **Driwall™ Drainable HouseWrap** back 45 degrees at the head corners about 6" & tack up for later.

STEP 5

Apply **KeeneSeal 300** to the entire rough opening, including the sill, both jambs, & header with a tool to a minimum of 20 mils. Be sure to transition the liquid flash at least 4" onto the face of the wall.

STEP 6

Press the Drainable HouseWrap into the wet **KeeneSeal 300** on the face of the wall.

STEP 7

Apply **KeeneSeal 300** where the Drainable HouseWrap & **KeeneSeal 300** meet. Be sure to completely cover the plastic spacers on the edges. Liquid Flash should be applied half on top of the **Driwall™ Drainable HouseWrap** & half onto the previously applied liquid flashing.

STEP 8

Install the window according to the window manufacturers' recommendations.

STEP 9

Apply **KeeneSeal 300** over the window flange at the jambs being sure to install at least 2" onto the **Driwall™ Drainable HouseWrap** to incorporate it into the recently installed system. Skip flashing & skip caulking the sill to allow water that does enter the system to escape to the exterior.

STEP 10

Install a drip cap if supplied or wanted according to manufacturers' recommendations.

STEP 11

Apply **KeeneSeal 300** at the head over the flange and onto the sheathing.

STEP 12

Fold the angled cut head flap that was tacked up in previous steps down.

STEP 13

Apply liquid flash to the angled cuts & be sure to fully cover the plastic spacers.

Installation Guide for Windows & Doors

LIQUID FLASHING

Windows First Cut Back Method - KeeneSeal 300

STEP 1

Apply **KeeneSeal 300** to the sill, jambs, & head, ensuring complete coverage, and tool it to a minimum thickness of 20 mils. Extend the liquid flash at least 4" onto the face of the wall.

STEP 2

Cut an apron out of the **Driwall™ Drainable HouseWrap**. Apron should be cut 1' longer than the sill.

STEP 3

Fasten the apron to be in line with the opening of the sill.

STEP 4

Press the **Driwall™ Drainable HouseWrap** apron into the wet **KeeneSeal 300** on the face of the wall.

STEP 5

Let the **KeeneSeal 300** tack up before installing the window according to the window manufacturer's recommendations. Skip flashing and skip caulking the sill to allow water that does enter the system to escape to the exterior.

STEP 6

Install a drip cap if supplied or desired, according to the manufacturer's recommendations.

STEP 7

Apply **KeeneSeal 300** over the window flange at the head, transitioning onto the sheathing.

STEP 8

Apply **Driwall™ Drainable HouseWrap** according to the installation instructions above.

STEP 9

Cut the **Driwall™ Drainable HouseWrap** even with the window on the sill and head. Cut back 2" on both jambs to expose the flashed window jambs. Use caution to avoid cutting through the flashing or apron below.

STEP 10

Cut the **Driwall™ Drainable HouseWrap** horizontally about 6" at the corner of the jambs and sill to expose the apron. Use caution to avoid cutting through the flashing or apron below.

STEP 11

Pull the apron out and over the newly installed **Driwall™ Drainable HouseWrap**.

STEP 12

Apply **KeeneSeal 300** to the horizontal seams previously cut as well as the vertical seams where the apron meets the Housewrap before.

STEP 13

Apply **KeeneSeal 300** to the jambs where the **Driwall™ Drainable HouseWrap** meets the **KeeneSeal 300** previously applied, ensuring all transitions are watertight & the plastic spacers are fully covered.

Installation Guide for Penetrations

LIQUID FLASHING

STEP 1

Apply **Driwall™ Drainable HouseWrap** according to the installation instructions above.

STEP 2

Completely cover the penetration with **Driwall™ Drainable HouseWrap**.

STEP 3

Make a small "X" cut at the penetration location. Be sure it is big enough to allow the penetration through, but small enough to ensure a tight fit around it.

STEP 4

Apply **KeeneSeal 300** directly to sheathing underneath the fabric. Press the **Driwall™ Drainable HouseWrap** into the wet flashing.

STEP 5

Apply Liquid flash on top of the **Driwall™ Drainable HouseWrap** that is attached to the wet flashing below. Be sure to fully encapsulate the plastic spacers by at least 1" around the penetration.