DRIPWAVE®

VENTED + AIR SPACE + INTEGRAL DRAINAGE

Residential & Commercial Buildings Less than 6 Stories

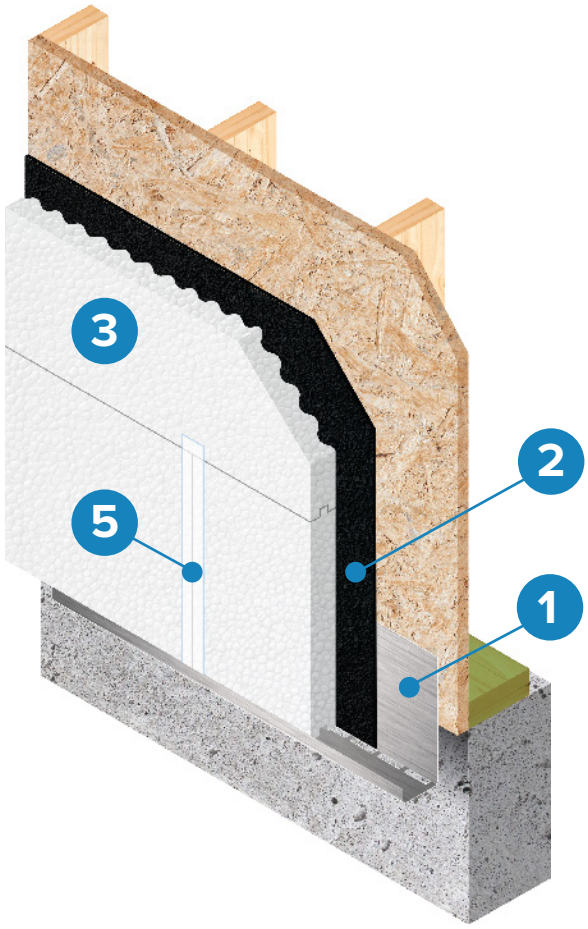
NEXT GENERATION INSULATION SYSTEMS

SYSTEM 10 YEAR WARRANTY

HIGH PERFORMANCE PLUS INSTALLATION GUIDELINE

REQUIRED PRODUCTS:

- 1” DripWave® Plus EPS Panel
- DripWave® 2” Panel Tape
- DripWave® Weep/Vent Screed
- Galvanized Fasteners (5d x 1 ¾” or #11 x 1 ¾” Roofing Nails) for Panel Installation
- Galvanized Fasteners (5d x 1 ¼“ or #11 x 1 ¼” Roofing Nails) for Weep/Vent Screed Installation



1. INSTALL DRIPWAVE® WEEP/VENT SCREED

1.A Confirm that substrates are clean, dry, free from protrusions, and structurally sound. Verify planar irregularities do not exceed ¼ inch over 10 feet.

1.B Position weep/vent screed at base of wall aligning the bottom edge with the sill plate. Weep/vent screed should extend below the sill plate a minimum of 2” or as specified by applicable building codes.

1.C Install galvanized fasteners through nailing flange ensuring the weep/vent screed is securely attached to the sheathing/ framing. Locate fasteners within 3” of each end of the weep/vent screed and every 24” along the nailing flange.

1.D Trim, bend, lap weep/vent screed as necessary to ensure tight end-to-end and inside/outside corner joints.

2. INSTALL WATER-RESISTIVE BARRIER

2.A Install water-resistive barrier (WRB) per manufacturer’s written specifications and in compliance with all applicable building codes. WRB should be installed in weatherboard fashion (shingled) using corrosion-resistant fasteners. Special attention should be given to penetrations in the WRB to ensure there is a water-tight seal between the WRB and the item penetrating it.

3. INSTALL DRIPWAVE® PANELS

3.A Beginning at the lower corner of the wall position the panel firmly into weep/vent screed. The interior face of the panel (wave profile) should be against the WRB. The printed arrows on the exterior face of the panel (flat profile) should point up. The tongue should be located along the top edge of the panel. Ensure the panel ends with a seam centered over a stud. Temporarily secure panel using the fewest number of galvanized fasteners required to keep the panel in place. The fastener head should be flush with the exterior face of the panel.

3.B Position the next panel firmly into the weep/vent screed and against the end of the previously installed panel. Install panel as previously directed in step 3.A. Ensure there is a tight seal (no gaps) in the joints between panels and the exterior face of the panels are flush. Continue installing panels along the base of the wall.

3.C Adjust the panel lengths as necessary using a knife. Position the panel against the WRB to determine the required length. Remove and cut to size. Do not cut in place. Reposition the panel and temporarily secure in place.

3.D Install the next course of panels. Position the panel firmly against the lower panel, nesting the tongue and groove tightly across the entire span of the panel. Stagger the vertical joints ensuring each end of the panel is centered over a stud. Install panel as previously directed in step 3.A. Continue installing courses of panels until the entire exterior wall is covered. At the top course, position the panel against the WRB to determine the required height. Remove and cut to size. Do not cut in place. Reposition the panel and temporarily secure in place. The WRB should not be visible when the panel installation is completed.

stytek www.stytek.com | 916.383.0500 | 6200 Sky Creek Drive, Sacramento, CA 95828

4. BEVEL CUT PANELS AT PENETRATIONS

4.A Trim panels at window, door, vents, pipes, HVAC, and electrical penetrations. Cut a 45° angle bevel into the panel at the perimeter of the penetration. Take care to ensure the WRB is not damaged while cutting the panel.

5. INSTALL DRIPWAVE® PANEL TAPE

5.A Confirm panel surface is clean and dry. Apply panel tape using consistent and sufficient pressure to ensure maximum adhesion.

5.B Beginning at the lower course, tape all vertical joints using 2” panel tape. Continue taping the vertical joints in the upper courses of panels until all vertical joints are taped.

5.C Tape all vertical inside/outside corner joints using 2” panel tape.

6. SEAL WINDOW & DOOR PENETRATIONS IN DRIPWAVE® PANELS

6.A Apply a 3/8” bead of compatible exterior grade sealant at the window frame/panel joint located at the sill and jambs of the window. Do not apply sealant at the head of the window. Tool sealant to promote adhesion and ensure a water-tight seal.

7. SEAL VENTS, PIPES, HVAC, & ELECTRICAL PENETRATIONS IN DRIPWAVE® PANELS

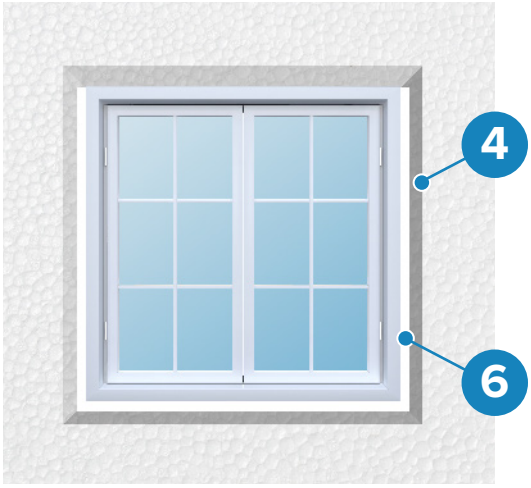
7.A Apply a 3/8”-1/2” bead of compatible exterior grade sealant at the vents, pipes, HVAC, and electrical penetrations. Tool sealant to promote adhesion and ensure a water-tight seal.

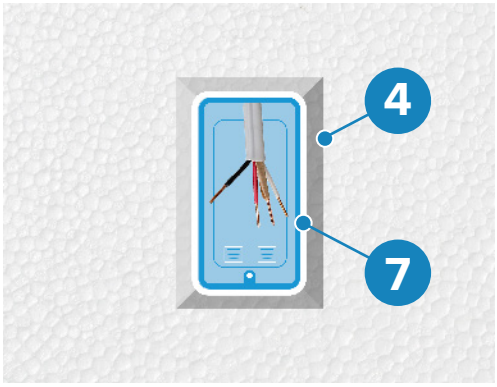
8. INSTALL LATH WIRE

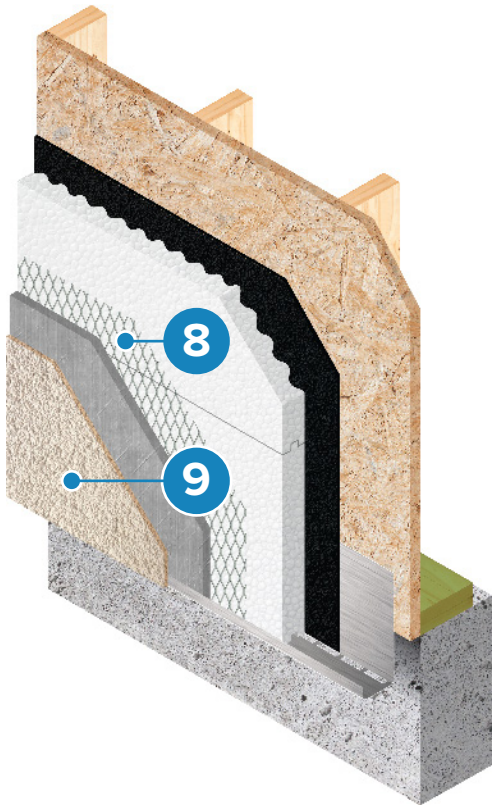
8.A Install lath wire per manufacturer’s written specifications and in compliance with all applicable building codes.

9. APPLY STUCCO/PLASTER

9.A Apply stucco/plaster per manufacturer’s written specifications and in compliance with all applicable building codes. Special attention should be given to mix ratios, hydration, and lath wire embedment.







GENERAL INSTALLATION REQUIREMENTS

- Prior to installation inspect all DripWave® panels to confirm they are not cracked or damaged and that the tongue and groove profiles are intact.
- Solvent-based bituminous primers/sealers are not compatible with DripWave® panels. The use of these primers/sealers is prohibited.
- All components of the system must be stored per the product’s data sheet.
- A qualified design professional is responsible for final design and locations of expansion joints and control joints. Expansion joints should be installed at the floor line, dissimilar substrates, and at through wall expansion joints.
- Wood-based sheathing should be installed using corrosion-resistant fasteners per manufacturer’s written specifications and in compliance with all applicable building codes. Special attention should be given to the spacing between sheets.
- Do not install DripWave® panels below grade. Terminate a minimum of 4” above grade, 2” above finished grade, or as specified by applicable codes.
- There must be sufficient slope on the faces of stuccoed/plastered surfaces to prevent water, snow, or ice from accumulating or standing.
- Architectural detailing may be added through the application of optional EPS foam plant-ons.
- In areas where insects are prevalent DripWave® Mesh Tape can be applied in the DripWave® Weep/Vent Screed in line with the slotted holes to deter insects from entering through the weep/vent.
- DripWave® & DripWave® Plus panels must be covered within 14 days of installation. Prolonged U.V. exposure and exposure to inclement weather could cause premature product and WRB degradation.

stytek www.stytek.com | 916.383.0500 | 6200 Sky Creek Drive, Sacramento, CA 95828