

## Tools Needed:

- Measuring Tape
- Utility Knife or Scissors
- Hammer Tacker, Nail Gun or Drill

## General Notes

1. These suggestions are a guide of generally accepted procedures for successful installation. It may be followed, modified, or rejected by the contractor and/or design profession of record or their representative since they, not AMICO, are responsible for designing, planning and executing procedures appropriate to a specific application.
2. Consult local building codes and regulations prior to installation
3. Ensure that the substrate is sound and that there are no voids or other protrusions or conditions that would interfere with the systems performance.
4. Building paper or WRB should be installed with windows and doors properly flashed and sealed according to manufacturer's guidelines. For additional guidance refer to ASTM E2112-07 Standard Practice for Installation of Exterior Windows, Doors and Skylights & AAMA 2400-02 (Formerly CAWM 400-95) Standard Practice for Installation of Windows with a Mounting Flange in Stud Frame Construction.
5. Exterior finish materials should be installed according to manufacturer's installation guidelines.
6. Cover rain screen as soon as possible as it is not designed for continuous UV exposure.
7. A ventilation detail should be installed every 2 levels if structure is more than two stories.
8. In high rainfall zones, a ventilation details should be included at each level.

## Quality Assurance

The Quality Management System of AMICO has been approved to the ISO 9001 Quality Management System Standard. Certificates are available on request. The data reproduced in this document reflects our best knowledge at the time of issue. It is subject to change arising from new research and development, as are the properties of the products described. We do not accept any liability for results obtained by using this information or the products mentioned.



For More Information on the Hydrodry System & Other High Performance Products:

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## Stucco Wall Installation

1. Begin placing Hydrodry Rain Screen at the bottom of the wall with the fabric flap down. Unroll Hydrodry Rain Screen horizontally. Unroll Hydrodry Rain Screen horizontally with entangled filaments touching the Building Paper/WRB with the filter fabric to the outside.
2. The bottom edge of the Hydrodry Rain Screen core should be aligned with the top of the weep screed. Weep screed should be installed according to manufacturer's guidelines.
3. Fold the filter fabric flap around the bottom of the core and tuck between the entangled filaments and the Building Paper/WRB. This prevents insects from getting into the vent space.
4. Place the second horizontal row of Hydrodry Rain Screen with the fabric flap down, above the first row. The fabric flap will overlap the fabric of the first row. Flap may be tacked with a staple or construction adhesive if needed to hold in place.
5. The upper row of Hydrodry Rain Screen can be inverted so the fabric flap is up, to create an insect screen similar to the bottom. A separate piece of filter fabric or window screen can be used if it is not desirable to flip the upper row.
6. For proper performance of the ventilation system, Hydrodry Rain Screen needs to vent at the top and bottom of the wall. The detail at the top of the wall should prevent wind driven rain from penetrating into the Hydrodry Rain Screen layer.
7. Hydrodry Rain Screen should be attached with corrosion resistant roofing nails, staples, or cap screws. Only use enough attachments to hold in place and prevent blow off, as it is desirable to have minimal penetrations through the WRB. Do not fasten through flashing or weep screeds. When cladding materials are installed brick ties or siding, lath or foam insulation fasteners will permanently secure the rain screen.
8. Attach woven wire, expanded metal, or coated fiberglass stucco reinforcement over the Wall Drain according to manufacturer's guidelines.
9. Apply stucco layers according to manufacturer's guidelines.



## Manufactured Stone or Thin Brick Veneer Installation

1. Begin placing Hydrodry Rain Screen at the bottom of the wall with the fabric flap down. Unroll WallDrain horizontally with entangled filaments touching the Building Paper/WRB with the filter fabric to the outside.
2. The bottom edge of the Hydrodry Rain Screen core should be aligned with the top of the weep screed. Weep screed should be installed according to manufacturer's guidelines.
3. Fold the filter fabric flap around the bottom of the core and tuck between the entangled filaments and the Building Paper/WRB. This prevents insects from getting into the vent space.
4. Place the second horizontal row of Hydrodry Rain Screen with the fabric flap down, above the first row. The fabric flap will overlap the fabric of the first row. Flap may be tacked with a staple or construction adhesive if needed to hold in place.
5. The upper row of Hydrodry Rain Screen can be inverted so the fabric flap is up, to create an insect screen similar to the bottom. A separate piece of filter fabric or window screen can be used if it is not desirable to flip the upper row.
6. For proper performance of the ventilation system Hydrodry Rain Screen needs to vent at the top & bottom of the wall. The detail at the top of the wall should prevent wind driven rain from penetrating into the Hydrodry Rain Screen layer.
7. Hydrodry Rain Screen should be attached with corrosion resistant roofing nails, staples, or cap screws. Only use enough attachments to hold in place and prevent blow off, as it is desirable to have minimal penetrations through the WRB. Do not fasten through flashing or weep screeds. When cladding materials are installed brick ties or siding, lath or foam insulation fasteners will permanently secure the rain screen.
8. Attach woven wire, expanded metal, or coated fiberglass stucco reinforcement over the Hydrodry Rain Screen according to manufacturer's guidelines.
9. Apply scratch coat layer and manufactured stone and/or thin brick according to manufacturer's guidelines.



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## Wood Sliding, Composite Wood Siding, Fiber Cement Siding, or Wood Shake Wall Installation

1. Begin placing Hydrodry Rain Screen at the bottom of the wall with the fabric flap down. Unroll Hydrodry Rain Screen horizontally with entangled filaments touching the Building Paper/WRB with the filter fabric to the outside.
2. Fold the filter fabric flap around the bottom of the core and tuck between the entangled filaments and the Building Paper/WRB. This prevents insects from getting into the vent space.
3. Place the second horizontal row of Hydrodry Rain Screen with the fabric flap down, above the first row. The fabric flap will overlap the fabric of the first row. Flap may be tacked with a staple or construction adhesive if needed to hold in place.
4. The upper row of Hydrodry Rain Screen can be inverted so the fabric flap is up to create an insect screen similar to the bottom. A separate piece of filter fabric or window screen can be used if it is not desirable to flip the upper row.
5. For proper performance of the ventilation system Hydrodry Rain Screen needs to vent at the top and bottom of the wall. The detail at the top of the wall should prevent wind driven rain from penetrating into the Hydrodry Rain Screen layer.
6. Hydrodry Rain Screen should be attached with corrosion resistant roofing nails, staples, or cap screws. Only use enough attachments to hold in place and prevent blow off, as it is desirable to have minimal penetrations through the WRB. Do not fasten through flashing or weep screeds. When cladding materials are installed brick ties or siding, lath or foam insulation fasteners will permanently secure the rain screen.
7. Install wood siding and shakes according to wood industry guidelines. Install Composite wood and Fiber Cement siding according to manufacturer's guidelines. Fastener lengths should accommodate the thickness of the Hydrodry Rain Screen. Pneumatic nailers can be used. Adjust depth gauge and pressure to prevent over nailing and compressing the Hydrodry Rain Screen.



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