ULTRA-DRAIN MAT™

DRAINAGE MAT FOR EXTERIOR WALLS

TRIM-TEX®
EXTERIOR SOLUTIONS

INSTALLATION GUIDELINES

GENERAL NOTES

These notes provide generally accepted procedures for a successful installation which the contractor and/or design professional of record may follow, modify or reject for designing, planning and executing a specific application.

Consult local building codes and regulations prior to installation.

- Ensure that the substrate is sound, with no voids or other protrusions or conditions that would interfere with the system's performance.
- 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.
- Exterior finish materials should be installed according to manufacturer's installation guidelines.
- Cover rainscreen as soon as possible as it is not designed for continuous UV exposure.
- A ventilation detail should be installed every 2 levels if structure is more than two stories.
- In high rainfall zones include ventilation detail at each level.

TOOLS

- **Measuring tape**
- **Utility knife or scissors**
- **Hammer tacker, nail gun or drill**

INSTRUCTIONS

For Stucco and Manufactured Stone or Thin Brick

1. Begin placing **Ultra Drain Mat™** at the bottom of the wall with the fabric flap down. Unroll **Ultra Drain Mat™** horizontally with entangled filaments touching the building paper/WRB with the filter fabric to the outside.
2. The bottom edge of the **Ultra Drain Mat™** 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 **Ultra Drain Mat™** 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 **Ultra Drain Mat™** 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, **Ultra Drain Mat™** 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 **Ultra Drain Mat™** layer.
7. **Ultra Drain Mat™** should be attached with corrosion-resistant roofing nails, staples, or cap screws. Fastener should penetrate sheathing by ½" minimum. For stucco applications attach rainscreen every 3 sq. ft. or 20" apart each direction. Do not fasten through flashing or weep screeds.
8. Attach woven wire, expanded metal, or coated fiberglass stucco reinforcement over the **Ultra Drain Mat™** according to manufacturer's guidelines.
9. Apply stucco layers – OR the scratch coat layer and manufactured stone and/or thin brick according to manufacturer's guidelines.

For Wood, Vinyl or Fiber Cement Siding

1. Begin placing **Ultra Drain Mat™** at the bottom of the wall with the fabric flap down. Unroll **Ultra Drain Mat™** 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 **Ultra Drain Mat™** 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 **Ultra Drain Mat™** 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 **Ultra Drain Mat™** 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 **Ultra Drain Mat™** layer.
6. **Ultra Drain Mat™** should be attached with corrosion-resistant roofing nails, staples, or cap screws. Fastener should penetrate sheathing by ½" minimum. For siding types that lay flat against the rainscreen attach every 3 sq. ft. or 20" apart each direction. For siding types such as lap siding or shingles that lap over the adjacent piece with a void space behind, attach every 1 sq. ft. or 12" apart each direction. Do not fasten through flashing or weep screeds.
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 **Ultra Drain Mat™**. Pneumatic nailers can be used. Adjust depth gauge and pressure to prevent over-nailing and compressing the **Ultra Drain Mat™**. DO NOT OVERDRIVE FASTENERS!

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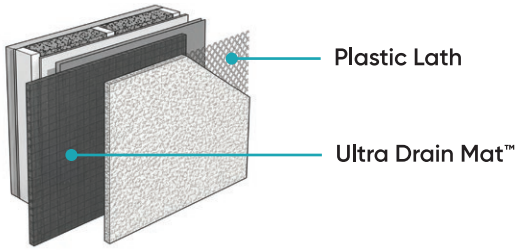
INSTALLATION GUIDELINES

1

Stucco Wall Installation

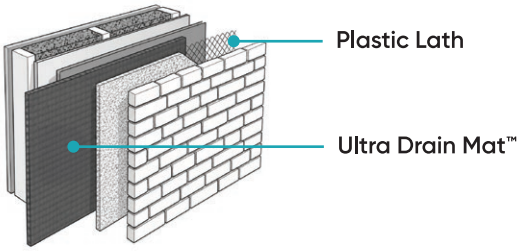
Install Ultra Drain Mat™ behind stucco systems for improved drainage and protection.



2

Stone Veneer Wall Installation

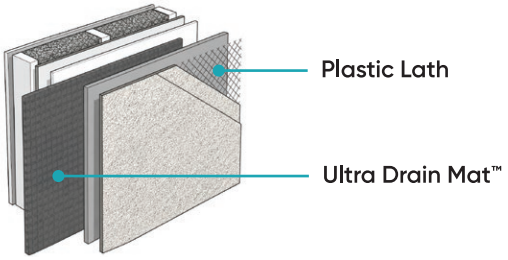
Install Ultra Drain Mat™ behind stone veneer for enhanced drainage and wall protection.



3

EIFS Wall Installation

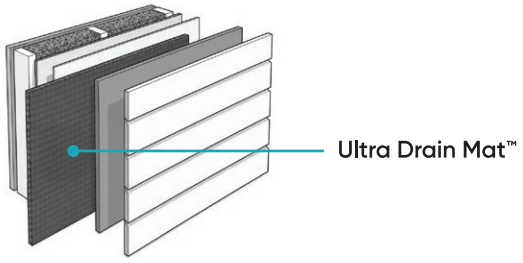
Install Ultra Drain Mat™ behind EIFS systems to help manage moisture and protect walls.



4

Wood or Composite Wood Siding Installation

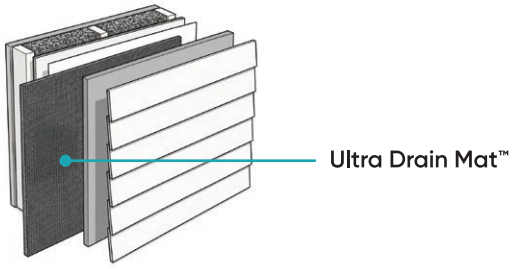
Install Ultra Drain Mat™ behind wood or composite siding to promote drainage and durability.



5

Fiber Cement Siding Installation

Install Ultra Drain Mat™ behind fiber cement siding to manage moisture and extend performance.



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