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accessories

SELF-ADHERED ROOF UNDERLAYMENT

installation instructions

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BENJAMIN OBDYKE
roof & wall products

SELF-ADHERED ROOF UNDERLAYMENT INSTALLATION INSTRUCTIONS

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REVIEW PRIOR TO INSTALLATION OF SELF-ADHERED ROOF UNDERLAYMENT

- VaporDry SA can be installed in temperatures down to 25°F when stored in a conditioned space at 40°F or above.
- Prepare the roof sheathing to be free of dust and debris. Cleaning with a push broom or air compressor is recommended.
- VaporDry SA is a self-adhered product and does not require any fasteners during installation. Staples/cap-fasteners may be used to temporarily fasten as you roll out each course.
- The continuous acrylic adhesive can be repositioned on roof sheathing to verify a smooth installation with minimal wrinkles.
- VaporDry SA should be installed shingle lap fashion (i.e. begin at the base of the roof assembly).
- VaporDry SA must be installed 12 inches up the vertical wall at all roof-to-wall intersections.
- Overlap all horizontal seams by at least 4 inches, all vertical seams by at least 6 inches, and corners by 12 inches.
- You must use firm and even pressure when applying VaporDry SA to activate the adhesive. To apply even pressure, we recommend using the following: a floor squeegee, floor roller, firm push broom, or a larger hand applicator.

A FLOOR SQUEEGEE



FLOOR ROLLER



FIRM PUSH BROOM



LARGER HAND APPLICATOR



- Cover VaporDry SA with final roofing material as soon as possible to prevent damage from sunlight. Maximum UV exposure for VaporDry SA is 120 days.
- Flash roof penetrations (vent pipes, skylights, exhaust vents, etc.) with proper shingling technique to maintain drainage to the exterior.
- Flash penetrations according to building code requirements using HydroFlash UV+. Surface should be clean and dry. All self-adhered flashing must be adhered using a hand applicator. HydroFlash UV+ should be stored inside or in a conditioned space (above 40°F) prior to installing in cold temperatures.
- Tape all tears and holes that may have been inadvertently introduced during the construction process.
- Reduce excess foot traffic on product as the grey surface can be damaged.
- VaporDry SA is a high temperature self-adhered underlayment with a 250°F service temp.
- Follow local fall protection and safety standards when walking on product, as surface may become slippery when wet.
- VaporDry SA complies with ASTM D1970 for nail sealability. Check with local building codes for use as ice dam protection in cold climates.
- VaporDry SA is approved for use with all roofing types with a pitch 3:12 or greater.

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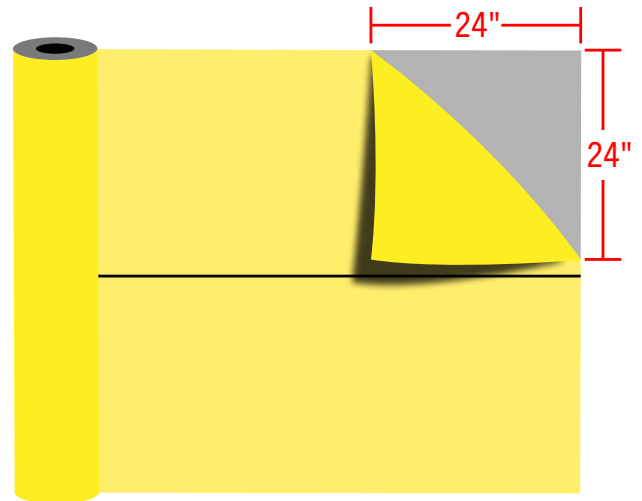
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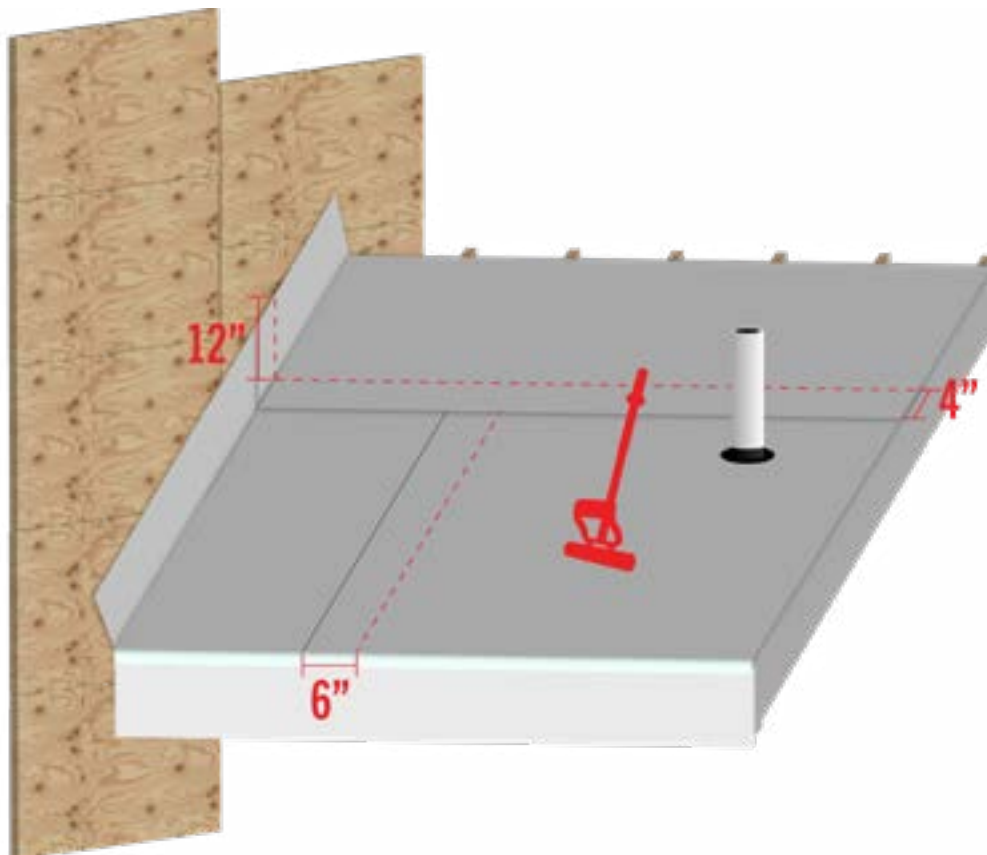
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VAPORDRY SA INSTALLATION

- Using a chalk line, establish a “control line” to use as a guide for the top edge of the first course of VaporDry SA. Follow this control line as you install the first course to minimize wrinkles and ensure maximum contact with the decking.
- Starting from the upper corner of the top half of the split release liner, peel 24 inches of the liner to expose the adhesive. Place the exposed adhesive corner to the edge of the “control line” to install the first course. **OPTION:** *You may fasten the exposed corner with a staple or cap fastener to hold in place as you continue with the next step.*
- Once the corner is firmly in place, pull the rest of the top half of the release liner at a 45 degree angle as you work to unroll the wrap along the roof, deck or sheathing. Verify alignment and begin to smooth starting from the center of VaporDry SA and work to the edges. Adhesive can be repositioned on the sheathing to verify maximum contact and reduce wrinkles and air pockets.



BACK OF VaporDry SA



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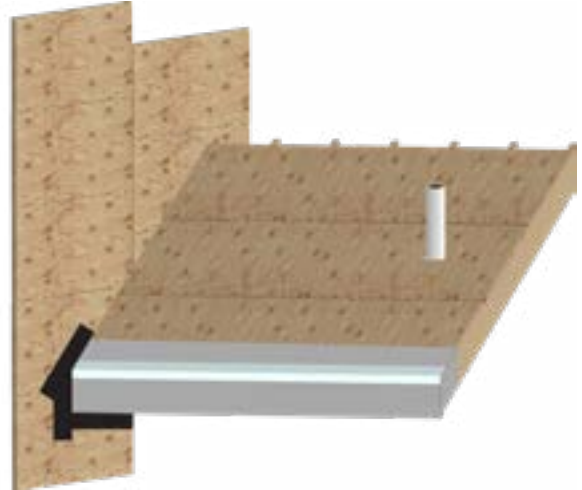
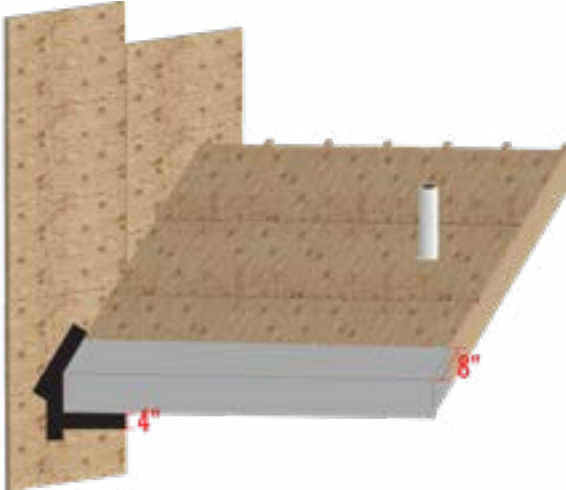
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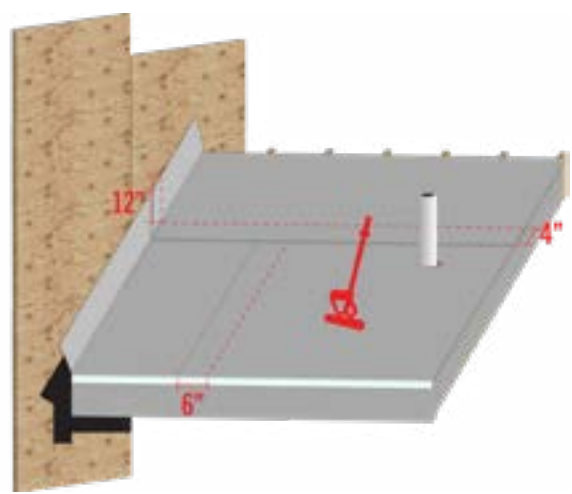
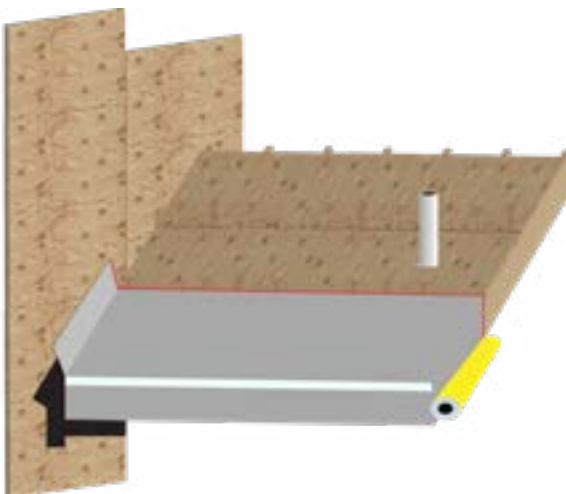
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VAPORDRY SA INSTALLATION



- Apply HydroFlash UV+ where the bottom of the roof meets the wall; between the wall sheathing and subfascia. HydroFlash UV+ should be installed about 4 inches below the subfascia.
- Install a course of VaporDry SA onto the subfascia and onto about 8 inches of the roof sheathing.
- Install metal drip edge at the eaves.
- Chalk a control line on the roof sheathing to help prevent wrinkles for horizontal installation.
- Repeat the same steps for consecutive courses, shingling over as you work up the roof. Overlap requirements are as follows: horizontal overlaps 4 inches, vertical overlaps 6 inches, and 12 inches up the vertical wall at all roof-to-wall intersections.
- Ensure VaporDry SA overlaps the metal drip edge at the eaves and down to cover the entire rake.



PRESSURE MUST BE APPLIED TO THE ENTIRE SURFACE TO ACTIVATE THE ADHESIVE.

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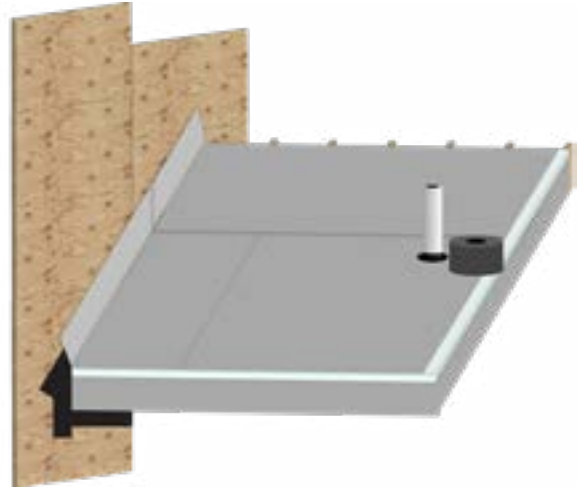
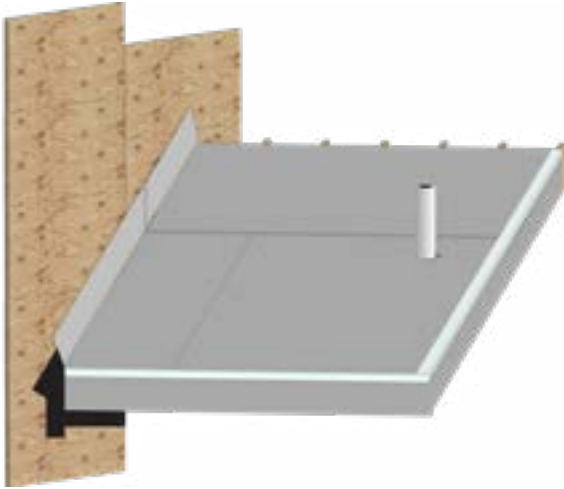
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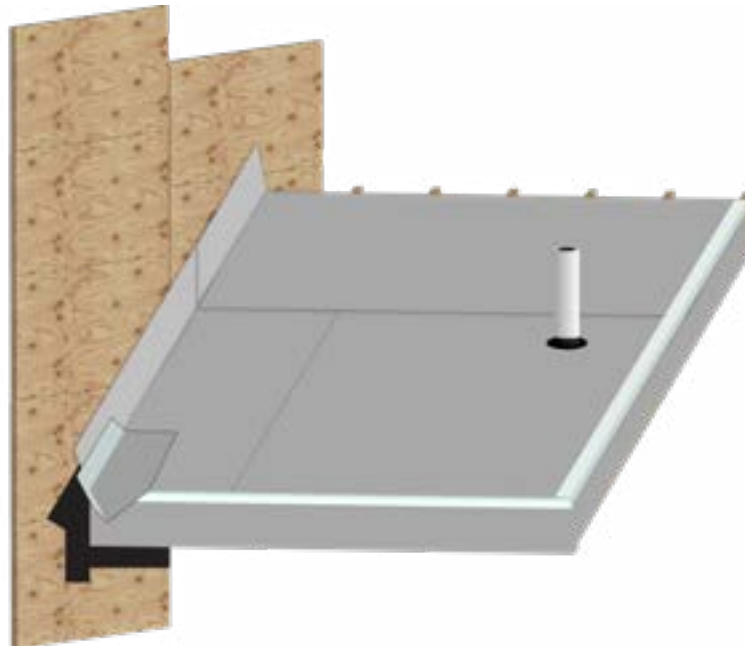
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VAPORDRY SA INSTALLATION



- Install metal drip edges along the rakes prior to installing roof covering.
- All pipe and duct penetrations through VaporDry SA, must be sealed with HydroFlash UV+.
- Install metal kickout flashing where the bottom of the roof meets the wall sheathing.



REDUCE EXCESS FOOT TRAFFIC ON VAPORDRY SA, AS THE GREY SURFACE CAN BE DAMAGED.

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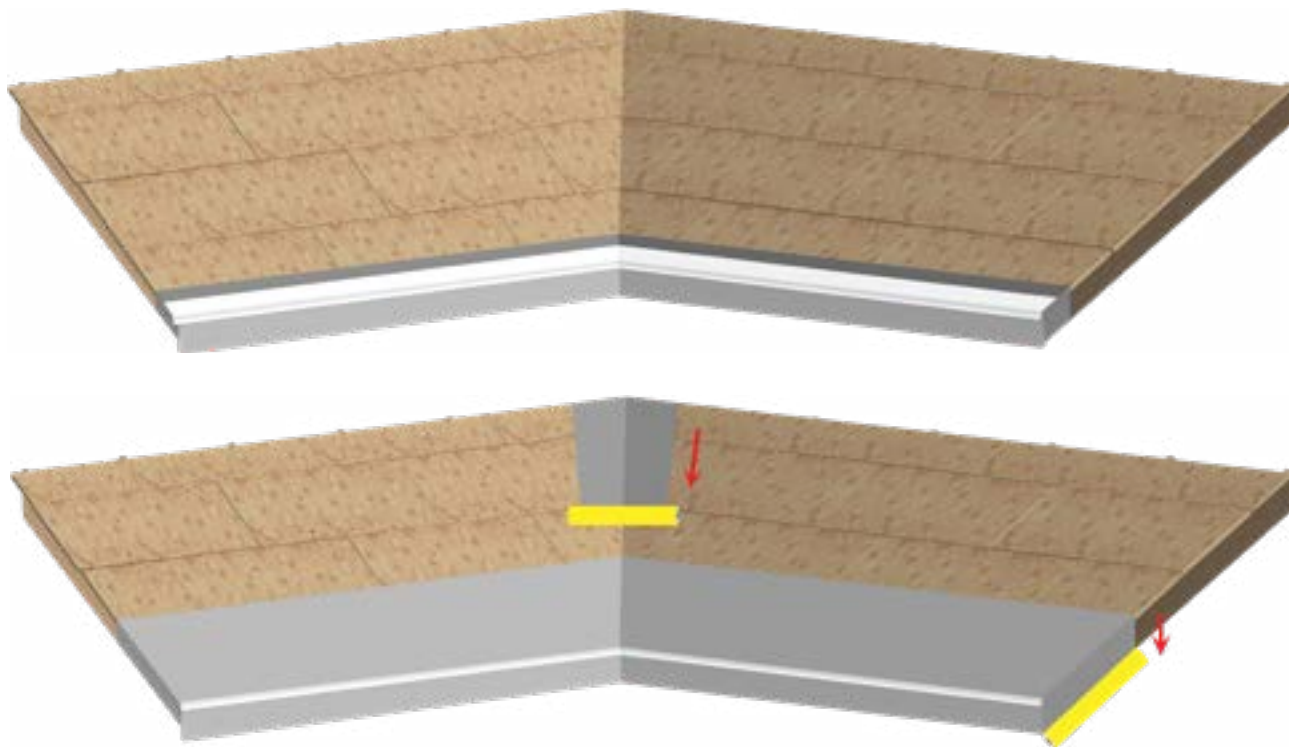
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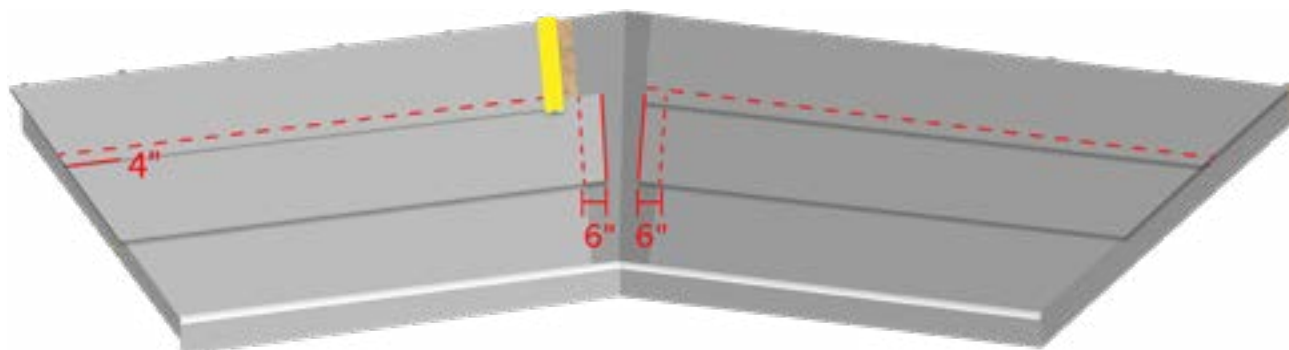
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VAPORDRY SA INSTALLATION



- Install a course of VaporDry SA onto the subfascia and onto about 8 inches of the roof sheathing.
- Install metal drip edge at the eaves.
- Install first course of VaporDry SA parallel to the eaves, overlapping the metal drip edge and down to cover the entire rake.
- Beginning at the top of the valley, center VaporDry SA in the valley and roll downward, overlapping the course of VaporDry SA installed at the eaves.
- Install subsequent courses of VaporDry SA parallel to the eaves, overlapping the course below by 4 inches and terminating with a minimum 6 inch overlap with the vertical courses installed in the valley.



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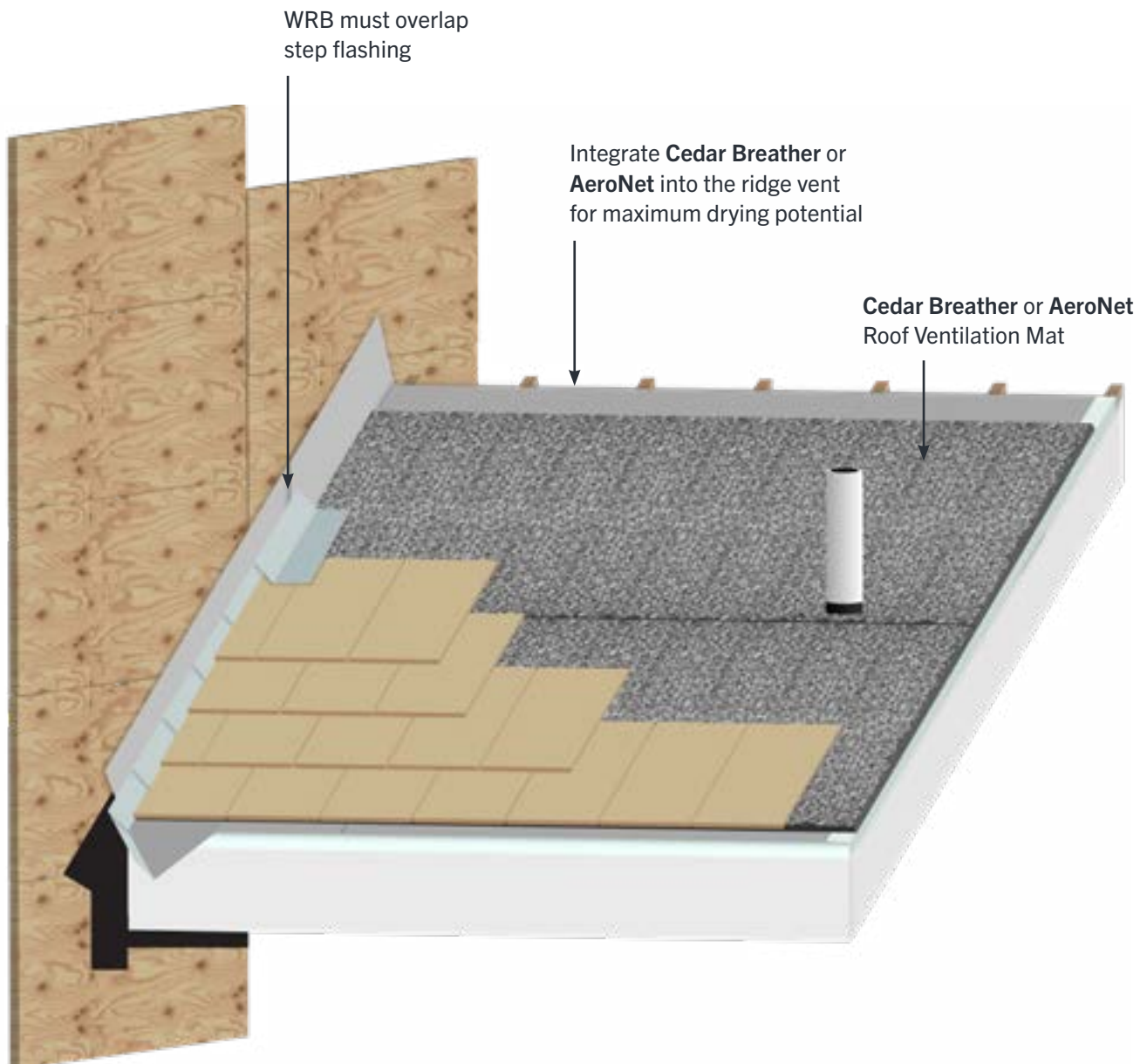
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CEDAR SHINGLE INSTALLATION



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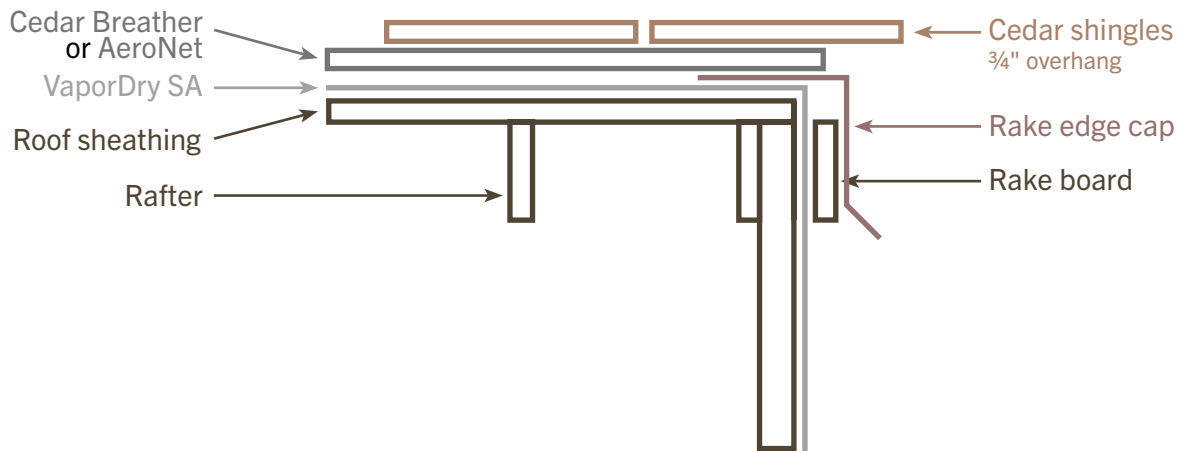
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RAKE & EAVE DETAIL

RAKE



DRIP EDGE

