Hydra-Vent™

Water Resistant Barrier and Active Drainage Plane Combined For Manufactured Stone, Stucco and Thin Brick

Key Properties

Active Drainage Plane
- Quickly transports water to flashings and screed exit points
- Creates a capillary break to equalize pressure within the wall unit
- Will not clog with mortar
- Will not support mold growth

Polymeric Water Resistant Barrier
- Allows water vapor to escape from interior walls
- Reduces the loss of heated or cooled air from the wall cavity
- Resistant to chemicals, cleaners and cedar oil
- ICC-ES Meets AC38 (ESR-2235)

Benefits
- One step installation of water resistant barrier and drainage plane
- Installs like conventional water resistant barriers
- No need for thickness shimming around doors and windows
- No need to install insect barrier

Installation
- Grey fabric faces out.
- Apply first water resistant barrier according to local codes.
- Apply Hydra-Vent™ after installation of doors, windows and related flashings.
- Starting at the bottom horizontal course install Hydra-Vent™ with grey fabric facing out and 3” overlapping edge at the top, fasten with staples or nails according to local building codes.
- Trim Hydra-Vent™ around windows, doors, vents and penetrations.

Corners
- Start Hydra-Vent™ a minimum of 12” away from corners.
- Install lath on top of Hydra-Vent™ for stucco, stone or thin brick applications.

Vertical Laps

Step 1 Fold the ending vertical section of Hydra-Vent™ onto itself a minimum of 3” and staple.
Step 2 Continue with next roll of Hydra-Vent™ vertically lapping previous fold 6”.

Size: 36” x 66’ 7”
200 SQ FT
To learn more or place an order, call your nearest dealer or York at 1-800-551-2828.

Hydra-Vent™

WEATHER RESISTANT BARRIER OVERLAP 1" MIN

STUCCO WALL TO FOUNDATION TERMINATION
(Exterior Sheathing is Flush with Foundation)

SHEATHING
WEATHER RESISTANT BARRIER
HYDRA-VENT™
SCRATCH COAT
LATH
STUCCO FINISH

WEATHER RESISTANT BARRIER OVERLAP 1" MIN

STUCCO WALL TO FOUNDATION TERMINATION
(Exterior Sheathing is Over Foundation)

SHEATHING
WEATHER RESISTANT BARRIER
HYDRA-VENT™
SCRATCH COAT
LATH
STUCCO FINISH

WALL TO FOUNDATION TRANSITION

WEATHER RESISTANT BARRIER MUST OVERLAP WALL TO FOUNDATION JOINT A MINIMUM OF 1"

SHEATHING
WEATHER RESISTANT BARRIER
HYDRA-VENT™
MORTAR
LATH
US-100 SEALANT™
FLASH-VENT™ FLEX
SELF-WICKING DRAINAGE PLANE
3" OVERLAP
FLASH-VENT™ FLEX CUT FLUSH AFTER MORTAR SETS
MANUFACTURED STONE

CLADDING TRANSITION

WEATHER RESISTANT BARRIER
HYDRA-VENT™
US-100 SEALANT™
3" OVERLAP
FLASH-VENT™ SELF-WICKING DRAINAGE PLANE
US-100 SEALANT™
FLASHING WITH DRAIN EDGE (OPTIONAL)
WEATHER RESISTANT BARRIER
HYDRA-VENT™
MORTAR
LATH
MANUFACTURED STONE

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