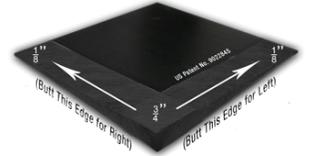




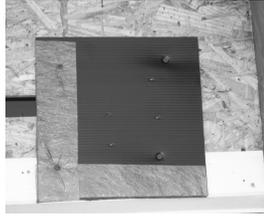
Universal Tapered End Cap Installation Instructions



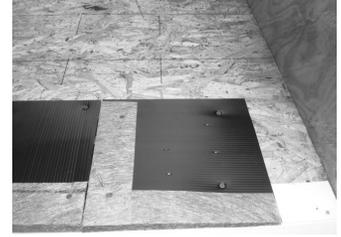
(Do Not Use End Caps on Gable/Rake Edges of the Roof — Use Fabric Squares)

For Installation at the eaves edge near a wall or obstacle to create a sloped shingle transition to zero lift-up at the wall flashing. **Note:** When using the Universal Tapered End Cap on a mid-roof application, leave about a 18" space between hips and valleys so not to interfere with the flashing or cap shingles installation. Universal Tapered End Caps are universal for right or left installations.

Step 1- Ensure the 1" roof cutout was completed to 12" before the end of the run and the metal drip edge was previously installed. Nail the Universal Tapered End Cap as shown with the bottom edge flush with the drip edge. Leave about 3" to 6" of roof deck showing from the wall. Nail at all four corners using nails that penetrate through the roof sheathing.



Step 2- Butt the SmartVent™ or US RoofVent against the Universal Tapered End Cap tightly and nail per SmartVent directions.

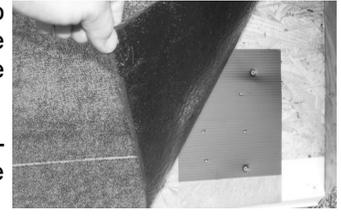


Step 3- Continue installing the remaining SmartVent™ or US RoofVent over the roof deck sheathing and previously installed drip edge.



Step 4- Install 36" wide ice & water membrane only over the SmartVent™ and Universal Tapered End Cap tight against side wall and continuously across the roof. Keep 36" ice & water membrane flush to the SmartVent™ lift edge which will cover the entire top surface of the vent.

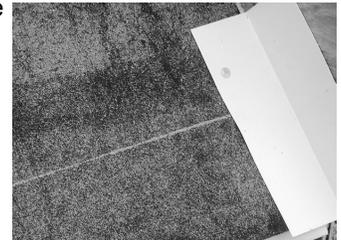
Install ice & water membrane a few inches up the wall when possible.



Step 5- Ensure the ice & water membrane is only over the vent and tight against the wall for eave edge installations.



Step 6- Install wall step flashing over ice & water membrane and up the wall. Allow a 1/2" to 1" eave edge overhang for shingles. Ensure step flashing is installed at each shingle course.

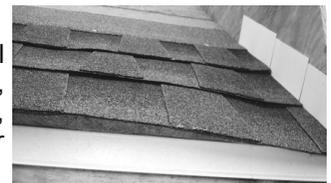


Step 7- Install starter course and shingles with a 1/2" to 1" overhang beyond the lift edge of the SmartVent™ & US RoofVent. Ensure step flashing is installed at each course with the proper coverage.



Step 8- Continue installing underlayment and shingles up the roof with step flashing. The Universal Tapered End Cap slopes the shingles down to the level of the wall flashing as shown.

Note: Use Universal Tapered End Caps around, chimneys, skylights, pipes, valleys, hips and any other obstructions.





SmartVent™ Tapered End Cap

SmartVent™ Tapered End Cap - Each piece can be used for either a right side or left side tapered end cap.

U.S. PATENT 9022845

Use the SmartVent™ Tapered End Cap when terminating the SmartVent™ within the shingled area, so the vent tapers down to the roof smoothly. Smooth side installs up. Shingles will slope as the SmartVent™ ends. ** see sub-1019

• Universal Right or Left Cap

10.5"

Fabric is factory attached

Shingle over underlayment and plywood roof decking to the 1" slit

• Butt the SmartVent™ three foot pieces to this edge.

• The end cap comes with the fabric already attached and is tapered for right or left hand use. Simply nail gun it to the roof and butt the square edge of the SmartVent™ to it.

SmartVent™ Tapered End Cap
Detail of Left Installation

** DO NOT USE SmartVent™ Tapered End Caps at the gable rake edges. Take SmartVent™ to the rake edges and wrap with fabric provided.

SmartVent™

SmartVent™ Tapered End Cap (Left)

Remember: always install ice & water membrane and shingles over the SmartVent™. Factory installed fabric installed. Ensure underlayment / ice & water membrane laps properly over the entire roof.

SmartVent™ Tapered End Cap