

# The Edge™ Vent Passes 30-Day Ice Dam Test

The Edge Vent withstood a stringent **30-day** simulated ice dam test conducted at PRI Construction Materials Technologies. **The roof deck under the vent and the attic below it remained dry** — even after an ice sheet built up over the entire Edge Vent. This simulation should increase the confidence of roofing contractors in cold climates.

## TEST SET-UP

- A section of The Edge Vent was installed on a roof deck with a 3/12 pitch.  
*NOTE: A 3/12 pitch allows for a “worst-case” scenario in terms of ice dam size.*
- The roof deck with the vent installed was then placed inside an ice chamber where the temperature was maintained at 10°F.
- Water was sprayed on the vent daily to allow for the formation of an ice dam at the eave of the roof. This daily water spraying ended when the ice dam covered the first three courses of shingles.

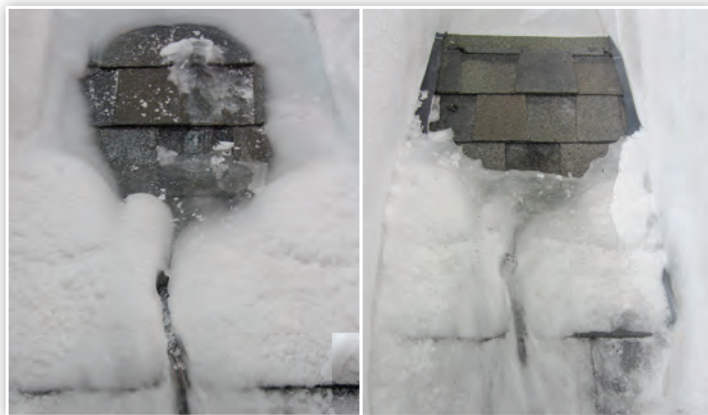


## THE 30-DAY ICE DAM

- The Edge Vent remained inside the freezer maintained at 10°F **covered under ice for 30 consecutive days.**
- For eight hours each day the underside of The Edge Vent was heated and controlled to 50°F to allow for the formation of **liquid water between the ice dam and the shingles.**
- Throughout the 30-day test, the underside of the roof deck and the attic were observed for possible water leakage resulting from The Edge Vent.

**Bottom Line: No Leakage**

*At no time during the testing did  
The Edge Vent allow for or contribute to  
weather infiltration into the slot or the attic.<sup>1</sup>*



*During 30 days of freeze/thaw cycles,  
The Edge Vent was intentionally covered under an ice dam.*



*The deck under The Edge Vent and the attic itself  
remained dry throughout the 30-day ice dam test.*

<sup>1</sup>Visit [www.airvent.com](http://www.airvent.com) to read the complete third-party test report.

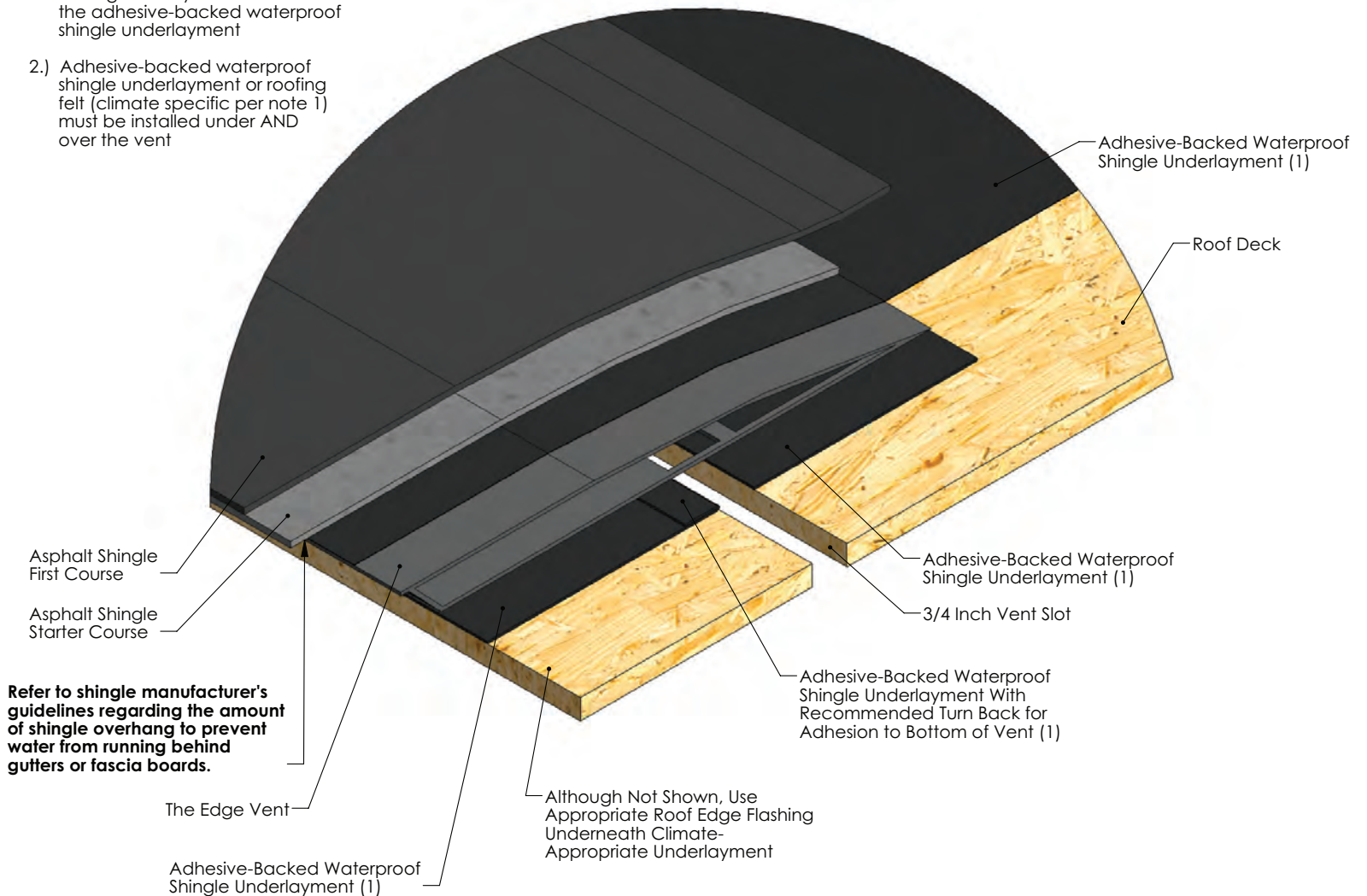
## INSTALLATION INSTRUCTIONS FOR ALL CLIMATES

The successful results of this ice dam simulation reinforce the importance of following Air Vent's installation instructions that accompany the product and can also be found online. Of particular importance is the use of climate-appropriate underlayment under AND over The Edge Vent (see illustration below). You can view a short Edge Vent installation video on [www.airvent.com](http://www.airvent.com).



### Notes:

- 1.) In warm climates, 15 or 30 pound roofing felt may be substituted for the adhesive-backed waterproof shingle underlayment
- 2.) Adhesive-backed waterproof shingle underlayment or roofing felt (climate specific per note 1) must be installed under AND over the vent



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