



# ATTICMATE® UNDER DECK ATTIC VENT

## AtticMate® Attic Vent Installation Creates a Ventilation Path for Unconditioned Attics or Cathedral Ceiling Cavities

Owens Corning AtticMate® attic vent is a rigid polystyrene sheet shaped to create a ventilation path/cavity between the insulation and the roof deck. AtticMate® attic vents help ensure that the insulation does not block the air flow path. Inadequate ventilation may lead to excess heat and moisture buildup in the attic or rafter cavity. These conditions can lead to the deterioration of the roofing materials and deck, insulation, structural framing members, or interior ceiling finishes.

### Features

- Helps prevent the attic or rafter cavity insulation (batt or blown) from expanding to fill cavity airways and restricting airflow
- Maintains a ventilation path through the insulated cavity
- Improves year-round comfort
- Increases the life of the roof
- Installs quickly and easily
- Sized to fit 16 and 24 inches on center framing
- Appropriate for both new construction and remodeling
- Durable and break-resistant construction
- Resists moisture and will not rot or deteriorate
- One of the highest free air flow vents in the industry

### Standards, Codes Compliance

- Most modern building codes require that enclosed attic or insulated rafter cavity space be ventilated. Ventilation is typically provided by some combination of gable, ridge, and soffit vents. For attics, the building code (IRC806.2) requires a minimum net free vent area of 1 sq. ft. of ventilation for every 150 sq. ft. of the space ventilated (1:150).
- This ratio can be reduced to 1:300 if a balanced soffit and ridge vent system or a properly placed vapor retarder is utilized.
- Check your local building codes for specific venting requirements.

### Technical Data

<b>DIMENSIONS</b>	22.5" x 48"
<b>AIR CHANNEL DEPTH<sup>1</sup></b>	1.5"
<b>NET FREE AIR FLOW<sup>1</sup></b>	22.3" sq.
<b>MATERIAL</b>	Extruded Polystyrene

<sup>1</sup> Underwriters Laboratories, Inc. Classified Product – see Certificate U-210.

### Packaging

<b>PIECES PER BAG</b>	75
<b>PALLET QTY</b>	1,200 PCS

### Installation

When installed properly against the underside of the roof deck, between roof trusses or rafters, AtticMate® attic vent will provide in excess of a 1-inch air space. Fibrous insulation can be installed directly against the surface of AtticMate® attic vent, and AtticMate® attic vent will maintain a free airflow channel from the eave vent to the ridge or gable vents. Due to its symmetrical design, AtticMate® attic vent can be split in half for 16-inch o.c. rafter spacing, or if required for retrofit or cathedral ceiling applications. Staple every 8 to 12 inches in the outer flange as needed. Staples may not be needed where the insulation will hold the AtticMate in place near the soffit.

### Installing Loosefill or Batt Insulation on Attic Floors

1. A single 4-foot length of AtticMate® attic vent should be installed in each rafter or truss space, to the ceiling line, to ensure that the airway between soffit and attic space remains open.
2. The vent should extend some distance beyond the top of the horizontal fibrous insulation.

Note: Additional provisions may be required to prevent windwash or loosefill insulation from flowing into the soffit. Typical solution is to add batt insulation between the top plate and the AtticMate to block this space.

## Installing Rafter Cavity Batt Insulation in Cathedral Ceilings

1. Install AtticMate® attic vent in each rafter cavity beginning at the soffit area, to assure the vent remains open, and continue up the rafter cavity to the ridge vent or to a common air space.
2. AtticMate® attic vent should be installed with an approximate 2-inch gap between the ends of adjacent pieces to allow any moisture to escape more readily into the air channel. Reduce gap to half an inch when using blown-in loosefill insulation.
3. Install cavity batt insulation or loosefill insulation such that the ends of the insulation do not occur in the location of the AtticMate® attic vent gap. This precaution permits the insulation to bridge the gap, ensuring the required air channel airflow.

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### Caution

Although AtticMate® attic vents meet most building code requirements of  $\leq 75$  flame spread and  $\leq 450$  smoke developed, this product will ignite if exposed to fire of sufficient heat and intensity.

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### Technical Information

For additional information, refer to the Safe Use Instruction Sheet (SUIS) found in the SDS Database via <http://sds.owenscorning.com>, call 1-800-GET-PINK®, or visit [www.owenscorning.com](http://www.owenscorning.com).

## Environmental and Sustainability

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For more information on the Owens Corning family of home building products, contact your Owens Corning dealer or call 1-800-GET-PINK.®

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### Notes

Building location, climate, use, and other factors will impact construction of the ceiling insulation and ventilation systems.

Always check with your local building department for required ventilation area in attics and rafter cavities, requirements for vapor retarders, and the acceptability of AtticMate® attic vent for the planned application.

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