

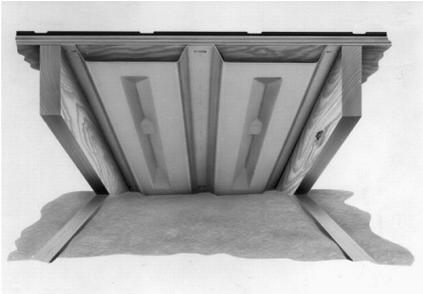


INNOVATIONS FOR LIVING™

AtticMate™

Under Deck Attic Vent

## Product Data Sheet



### AtticMate Attic Vent Installation Creates a Ventilation Path for Unheated Attics or Cathedral Ceilings Cavities

Owens Corning's AtticMate Attic Vent product is a polystyrene sheet shaped to create an air channel in the cavity between the insulation and the roof deck.

AtticMate Attic Vent prevents the attic or rafter cavity insulation (batt or blown) from expanding to fill cavity airways and restricting airflow. Modern building codes require that every enclosed attic or insulated rafter cavity space be provided with a minimum amount of ventilation. Ventilation is typically provided by some combination of gable, ridge and soffit vents. AtticMate Attic Vent ensures that the insulation does not block the air flow path. Inadequate ventilation may lead to excess heat and humidity build-up 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 and Benefits

- Maintains a ventilation path through the insulated cavity
- Reduces heating and cooling costs and improves year-round comfort by reducing the solar loads on the attic space.
- Increases the life of the roof by reducing heat exposure
- Installs quickly and easily
- Sized to fit 24, 16 and 12 inch on center framing
- Can be installed in open attics for both new and retrofit construction
- Durable and break-resistant construction
- Vapor permeable, yet resists moisture and will not rot or deteriorate

### Required Vent Area

For attics, building codes specify the required vent area as a percentage, or ratio, of the ceiling area, often in the range of 1/150. The required vent area can be reduced to 1/300 if a vapor retarder is used between the insulation and the ceiling and the ventilation is divided between high and low vents such as at the roof ridge (high), and at the soffit (low). For cathedral ceiling cavity spaces, codes specify a minimum vent air space, often 1", between the insulation and the roof sheathing. Check your local building codes for specific venting requirements.

When installed against the underside of the roof deck, between roof trusses or rafters, AtticMate

Attic Vent will provide in excess of a 1" 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" and 12" o.c. rafter spacing, or if required for retrofit or cathedral ceiling applications.

### Installing Loosefill or Batt Insulation on Attic Floors

1. A single 4' length of AtticMate Attic Vent should be installed in each rafter or truss space, at the ceiling line, to insure 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.

### 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 ½" gap between the ends of adjacent pieces to allow any moisture to escape more readily into the air channel.
3. Install cavity batt insulation or loosefill insulation such that the ends of the insulation do not occur in the area of the ½" gap.



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This precaution permits the insulation to bridge the gap ensuring the required air channel airflow.

Note: When prolonged outdoor cold temperatures, or higher interior humidity conditions are expected, a vapor retarder, such as Owens Corning's kraft-asphalt insulation facing, should be installed on the warm side of the rafter batt to reduce the intrusion of moisture into the attic or rafter cavity.

### Note to Builders and Consumers:

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.

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

### Caution

Although **AtticMate** Attic Vent vents are certified as a Class I product with respect to flame spread and smoke, this product will ignite if exposed to fire of sufficient heat and intensity.



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