



Raft-R-Mate® Under Deck Attic Vent



PRODUCT FEATURES

Description

Attic ventilation for unconditioned attics or cathedral ceiling cavities.

Basic Uses/Related Uses

Raft-R-Mate® attic vent is a rigid polystyrene sheet shaped to create a ventilation path/ cavity between the insulation and the roof deck. Raft-R-Mate® attic vents help ensure that the insulation does not block the air flow path. Inadequate ventilation may lead to excess heat and moisture 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.

Selection Criteria

- 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
- Increases the life of the roof
- Installs quickly and easily
- Sized to fit 16 and 24 inch 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

Applicable Standards

Most 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. Please consult your local building Code for minimum ventilation requirements or contact your regional technical representative.

Performance Criteria

Dimensions	572 mm (22.5") x 1219 mm (48")
Air Channel Depth	38 mm (1.5")
Net Free Air Flow	22.3 sq. inches
Material	Extruded Polystyrene

Sizes

Pieces per Bag	75
Pieces per Unitized Slip Sheet Pallet	1,200
Bags per Truck	416

Delivery and Storage

Deliver products in their original packages, and store in enclosed shelter.

Limitations

Packaging is not UV resistant. Shelter unused packages from the elements.

Safety

For additional information refer to Safe Use Instruction Sheet (SUIS) found in the SDS Database via <http://sds.owenscorning.com>.

PRODUCT PLACEMENT

Installation

When installed properly against the underside of the roof deck, between roof trusses or rafters, Raft-R-Mate® attic vent will provide in excess of a 25 mm (1") air space. Fibrous insulation can be installed directly against the surface of Raft-R-Mate® attic vent and Raft-R-Mate® attic vent will maintain a free airflow channel from the eave vent to the ridge or gable vents. Due to its symmetrical design, Raft-R-Mate® attic vent can be split in half for 408 mm (16") o.c. rafter spacing, or if required for retrofit or cathedral ceiling applications.

Installing Loosefill or Batt Insulation on Attic Floors

1. A single 1219 mm (4') length of Raft-R-Mate® 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 loosefill insulation from filling/flowing into the eave or windwash. Blocking or edge blanket insulation are two options to block the eave edge.

Installing Rafter Cavity Batt Insulation in Cathedral Ceilings

1. Install Raft-R-Mate® 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. Raft-R-Mate® attic vent should be installed with an approximate 51 mm (2") gap between the ends of adjacent pieces to allow any moisture to escape more readily into the air channel. Reduce gap to 13 mm (1/2") 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 Raft-R-Mate® attic vent gap. This precaution permits the insulation to bridge the gap ensuring the required air channel airflow.

Technical Services Available

For Canadian Technical inquiries please contact local representative. See Technical territory map via www.specowenscorning.ca/contacttech.

Current Ed: 2018.09.01
Previous Ed: 2018.09.01

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Pub. No. 501136. Printed in Canada. September 2018.
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