WHY VENTILATE YOUR TILE ROOF?

TRA's Cool Roof Ventilation Systems offer many benefits and energy efficient savings. According to a study done by Oakridge National Laboratory, “Venting caused a significant 50% reduction in the heat penetrating the conditioned space compared to the direct-nailed asphalt shingle roof that is in direct contact with the roof deck.”

William A. Miller, Ph.D.
Buildings Technology Center, Oak Ridge National Laboratory
Study Cited: Steep-slope Assembly Testing of Clay and Concrete Tile with and without Cool Pigmented Colors - October 2005

ABOUT COOL ROOF SYSTEMS

A Cool Roof system promotes a constant temperature from eave to ridge, reducing ice dams in winter months while providing energy efficiency and reducing costs all year.

50% Reduction in the amount of heat penetrating the attic space when compared to direct to deck installations *

22% Reduction in cooling costs**

*Up to 50% reduction Steep-slope Assembly Testing of Clay and Concrete Tile with and without Cool Pigmented Colors, Oak Ridge National Laboratory, 2005. Results vary based on profile of tile installed.

**Up to 22% reduction Steep-slope Assembly Testing of Clay and Concrete Tile with and without Cool Pigmented Colors, Oak Ridge National Laboratory, 2005. Results vary based on profile of tile installed.

As the temperature of the air increases, it rises causing a natural “flow” of air from the eave to the ridge.

Air in the space between the roof tile and the roof surface is heated by radiant heat produced from the exterior environment (in summer months) or from the interior space (in winter months).
PRODUCT DETAILS

**TileVent**

**DESCRIPTION**
- 10 sq. in. of net free air per linear foot
- ICC Approval #ESR-1787
- Competitively priced
- Fully recyclable
- Light weight
- Butyl adhesive attachment
- All metal construction made of painted aluminum or copper
- Easily conforms to all tile profiles
- Quick and easy installation

**MATERIALS**
- 28ga Pre-Galvanized Steel (ASTM A 653, G30, Hot dipped)
- Aluminum
- Copper

**COLOR/FINISHES**
- Pre-painted: Black, Bronze & Terracotta
- Mill finish aluminum
- Raw Copper
- Powder coating available

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**RidgeRiser™**

**DESCRIPTION**
- Galvanized for rust protection
- Elevates the nailing board for proper ventilation
- Easy application for hip and ridge tiles
- Adjustable for different tile profiles
- Designed for 2x2 Hip and Ridge boards

**MATERIALS**
- 16 ga. galvanized steel

**COLOR/FINISHES**
- Galvanized Steel

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**Metal EaveVent Birdstop**

**DESCRIPTION**
- Designed for use with Eagle® Tile
- 7 square inches of net free area per linear foot
- Pre-punched nail holes for easy installation
- For use with batten, counter batten and direct to deck systems

**MATERIALS**
- 28ga Pre-Galvanized Steel (ASTM A 653, G30, Hot dipped)
- Aluminum
- Copper
- Overall dimensions: 1-1/4"W x4-3/4"H x 120"L

**COLOR/FINISHES**
- Pre-painted: Black, Bronze & Terracotta
- Mill finish aluminum
- Raw Copper
- Powder coating available