



# TECHNICAL BULLETIN

## WARRANTY COVERAGE OF OWENS CORNING® SHINGLES OVER UNVENTED DECKS AND SEALED DECKS

***SUPERSEDES PREVIOUS BULLETINS***

### Issue Description:

Owens Corning Roofing and Asphalt, LLC ("Owens Corning") recommends our roofing system be installed on a clean deck over an attic or rafter space that is fully ventilated to meet or exceed code requirements. Ventilation systems should provide balanced intake and exhaust with adequate net free vent area (NFVA) that meets or exceeds code requirements. Not venting attics may introduce moisture related problems in the attic, and moisture management issues can lead to mold and damage to the internal structure of a home. Further, installing a spray foam system can make it more difficult to detect roof leaks.

Building codes require a minimum of 1 sq. ft. of net free vent area (NFVA) for every 150 sq. ft. of attic space. However, the minimum may be reduced to 1 sq. ft. of NFVA for every 300 sq. ft. of attic space if one or both of the following conditions are met:

- No less than 40% and no more than 50% of the ventilation is exhaust ventilation. Exhaust ventilation must be located not more than 3 feet below the ridge or highest point of the space.
- In climate zones 6, 7, and 8, a Class I or II vapor retarder is installed on the warm-in-winter side of the ceiling.

In all cases, the roof system must be installed directly over 3/8" plywood (*minimum*), 7/16" OSB (*minimum*) or 6" wide (*minimum*) by 25/32" (*minimum thickness*) wood sheathing. The Owens Corning® Roofing System must be installed in strict accordance with our installation instructions.

### Standard Warranties:

We warrant that your Owens Corning® roofing shingles and component products are free from any manufacturing defects. The Owens Corning Standard Limited Warranty and Total Protection Roofing System Warranty do not cover damage caused by improper or inadequate roof ventilation or roof drainage, unvented attics, or enclosed rafter assemblies. However, full warranty coverage would apply per the terms of the warranty if Owens Corning determines that the shingle damage was caused exclusively by a manufacturing defect that is unrelated to the inadequate roof system ventilation. Please see actual warranty for complete details, limitations and requirements.

### Extended Warranties:

Any roof with an Owens Corning extended system warranty (*System Protection, Preferred Protection, and Platinum Protection Roofing System Limited Warranty*), must be fully ventilated per code requirements. Unvented attics, enclosed rafter assemblies, or sealed decks with spray foam or other insulation applied directly to the underside of the deck do not qualify for extended Owens Corning Warranties. See extended warranty for details.

**Note:** This document supersedes any previous Owens Corning Technical Bulletin on this topic.

Please contact 419-248-6557 for additional information.  
Email: [gettech@owenscorning.com](mailto:gettech@owenscorning.com)

#### Disclaimer of Liability

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OWENS CORNING SCIENCE AND TECHNOLOGY, LLC  
ONE OWENS CORNING PARKWAY  
TOLEDO, OHIO 43659  
1-800-GET-PINK®  
[www.owenscorning.com](http://www.owenscorning.com)

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