

**TECHNICAL**



**BULLETIN**

**FIBER GLASS SHINGLES APPLIED OVER  
UNVENTILATED/INSULATED ROOF DECKS**

**No. R-201B**

**Date Issued: 10/8/2004**

**Supersedes: R-201A, 2/15/2001**

CertainTeed's Limited Asphalt Shingle Warranty, including SureStart™ coverage, will remain in force when its fiber glass asphalt shingles manufactured to meet ASTM D3462 are applied to roof deck assemblies (slopes  $\geq$  2:12) where foam insulation is prefabricated into the roof deck system (often called "nailboard insulation"), where insulation is installed beneath an acceptable roof deck system, or where radiant barriers are installed, with or without ventilation directly below the deck. *See important restrictions below.*

- Acceptable roof deck surfaces must consist of either minimum 3/8" thick plywood or minimum 7/16" thick OSB. If an alternate deck surface material is being considered, then please contact CertainTeed at the number below.
- The design professional is responsible for ensuring 1) proper quality and application of the insulation and/or radiant barrier, 2) provision of adequate structural ventilation and/or vapor retarders as determined to be necessary, and 3) that all local codes are met (particularly taking into account local climate conditions). Special attention must be taken if cellular foam, fiber-glass, or cellulose insulations, or other highly-permeable insulation will be used in an unventilated system, or if the insulation/rafter or insulation/joist planes may create an air leak that could lead to moisture transmission and condensation problems. *All these important factors and decisions, while not the responsibility of CertainTeed Corporation, are critical to assure proper deck system performance.*
- CertainTeed shall not have any liability or responsibility under its warranty for
  - a) Damage to or defects in its shingles caused by settlement, movement, distortion, deterioration, cracking, or other failure of the roof deck or of the materials used as a roofing base over which its shingles are applied,
  - b) Damage caused by the growth of mold or mildew, or
  - c) Defects, damage, or failure caused by application of its shingles not in strict adherence with CertainTeed's written instructions.

Roofing Systems Technical Service

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