

To Whom It May Concern:

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 having certain types of insulation installed beneath an approved OSB, plywood roof deck, or 1"x 6" Tongue and Groove wood deck or are applied to an approved OSB, plywood roof deck, or 1"x 6" Tongue and Groove wood deck having a "radiant barrier" installed beneath it. Roof slope must be no less than 2:12. Acceptable forms of insulated decks include:

INSULATED/UNVENTILATED DECK ASSEMBLIES

- **Nail-Board Insulation (NBI)** – Examples are rigid polyisocyanurate (ISO) or polystyrene (PS) with the foam insulation factory-adhered to the underside of OSB or plywood.
- **Rigid ISO or PS Foam Insulation** – Installed over a solid deck and covered with an approved deck (OSB, plywood, etc.).
- **Spray Polymer Foam (SPF)** – Available in Closed-Cell and Open-Cell forms. Typically, SPF is sprayed directly to the underside of the deck (OSB, plywood, 1"x6" T&G) and rafters/trusses leaving no air space for ventilation (I.e., an unventilated condition). It is less common, but applications can be designed to allow a ventilating air space.

RADIANT BARRIERS (WITH OR WITHOUT INSULATION)

See important restrictions below

- Acceptable roof deck surfaces must consist of either minimum 3/8" thick plywood, minimum 7/16" thick OSB, or 1"x 6" Tongue and Groove Wood deck. 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.

We trust this information is helpful.

Sincerely,

Warranty and Technical Service Department
Roofing Products Group

3/9/11

Updated 11/18/15 PK (Replaces TB R-201B)