



Technical Bulletin

Minimum Roof Deck Thickness

Atlas Roofing Corporation MINIMUM requirements for the roof decking panels are to be a minimum 3/8" or 7/16" nominal thickness, APA/TECO rated wood panels of either plywood or OSB (oriented strand board) materials. Wood plank decks must meet the criteria noted on the Atlas shingle package.

The concerns against installing asphalt shingles over thinner wood materials are regarding the individual nail holding capability of aged, thinner dimension wood panels to provide adequate wind performance, as well as, the high probability of the panels' deflection between the rafter chords - providing an unsightly completed installation and lack of warranted wind resistant performance.

The use of inadequate roof decking materials negates the wind performance section and provisions of the Atlas Shingle Limited Warranty. All decking must meet, at the minimum, building code requirements of the jurisdiction where installed, and Atlas requirements as indicated on the Atlas shingle product wrapper.

Atlas asphalt shingles must not be applied to any surface other than roof deck types described. Atlas will not be responsible for the performance of its shingles if applied directly to decks composed of per-lite board, plastic foam, fiberboard, gypsum plank, lightweight concrete, cement wood fiber, or similar materials or to any decks directly installed over insulation.

For additional information please review the Atlas Roofing Limited Shingle Warranty page at atlasroofing.com/warranty