



TECHNICAL BULLETIN

Last Revision: August 2016

Subject: **Installation of Atlas Roofing Asphalt Shingles over Existing Asphalt Shingles**

A successful “roof-over” of an existing asphalt roof covering can be achieved by following the methods described below.

- Atlas does not recommend roofing over any other type of “shingled” roof system other than the “3-tab strip shingle” system noted here.
- The existing asphalt shingle roof covering must only be a single layer of “3-tab strip shingles.”
- The existing roof decking material on the building must be in good solid condition and must meet current building code requirements for its local jurisdiction.
- Inspect the deck structure and repair, if necessary, any buckled or weak decking materials.
- Never roof over an existing wood shake, wood shingle, architectural or asphalt laminated type roof covering system – those type shingles do not provide an adequately flat surface over which to install a new asphalt roof system and allow the seal down features to perform adequately.
- The existing asphalt roof covering material must be laying flat with no obvious curling and/or cupping of the individual shingle tabs. If curling or cupping is present, those areas must be removed or nailed down flat and/or replaced with pieces of shingles to act as shims to re-level the missing tabs.
- Hammer down any protruding nail heads from the old roof.
- Install a layer of #30 felt underlayment to maintain a class A fire rating. Asphalt felt is to be applied over the old shingles and then proceed with new shingles as if applying new roof.
- The old hip & ridge materials must be removed.
- All needed flashing and valley treatments must be made to meet the local building code.
- New step flashing must be installed where needed, as the new roof shingles are installed.
- Assure that all drip edges are in good condition and replace if needed.
- Nails should be long enough to penetrate $\frac{3}{4}$ " into the roof deck. Where the deck is less than $\frac{3}{4}$ " thick, the nail should be long enough to penetrate fully and extend at least $\frac{1}{8}$ " through the roof deck. Use longer nails on the Hip and Ridge shingles to protrude in the same manner.
- Install the new Atlas roof shingles per the standard application instructions shown on the factory packaging. Read those instructions carefully and completely prior to beginning the actual installation.
- If all these listed instructions are followed adequately, the standard Atlas Limited Shingle Warranty will be in effect to the building owner as described in the body of that warranty document.

Note: Atlas Signature Select Warranty is not valid on a roof-over application.