



# Technical Bulletin

## Coating of Asphalt Shingles After Installation

While many roofing systems can be coated to enhance solar reflectivity, resist biological growth, improve impact resistance, or extend the roof's lifespan, Atlas Roofing Corporation and the Asphalt Roofing Manufacturers Association (ARMA) strongly discourages applying any field-applied coatings over installed asphalt shingles.

Additionally, state or local building codes may prohibit this practice, as the field-applied coatings may negatively impact the performance characteristics (including the fire classification, algae resistance, impact resistance, etc.) of the roof assembly.

Field-applied coatings on asphalt shingle roofs have been associated with several issues. These include:

- Coating shrinkage, which can lead to unsightly curling or cupping of the shingles, as well as the loosening of the protective granule surface.
- Non-permeable coatings may seal the gaps around and between shingles, creating a vapor-retarding layer. This can trap moisture within the roofing system, potentially leading to long-term damage.

Some proponents claim that applying coatings to existing asphalt shingles can offer benefits such as extended roof life, improved energy efficiency, or minor leak remediation. However, there is limited documented evidence supporting these claims.

The risks mentioned above remain significant, and many coatings require ongoing maintenance and periodic reapplication to maintain a uniform appearance.

**The application of any after-market coating to Atlas shingles featuring Scotchgard™ Protector is not approved by Atlas Roofing Corporation and may result in the loss of coverage under the Algae Resistance Limited Warranty. Such use may also affect coverage under other applicable product warranties.**