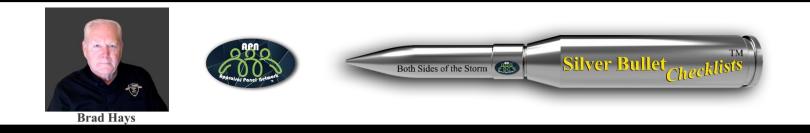


## SBC Roof Series: Asphalt Shingle Roof Installation

Here's a typical installation checklist for a shingle roof system:

- 1. Safety Precautions:
  - Ensure all workers are equipped with proper safety gear, including harnesses, hard hats, and non-slip footwear.
  - Follow OSHA guidelines and safety protocols for working at heights.
- 2. Roof Deck Preparation:
  - Inspect the roof deck for any damage or deterioration.
  - Replace any damaged or rotten deck sheathing to ensure a solid and smooth foundation for the shingles.
  - Underlayment Installation:
    - 1. Install a high-quality underlayment, such as asphalt-saturated felt or synthetic underlayment, ice & water shield to provide a secondary water barrier.
    - 2. Properly overlap the underlayment to ensure complete coverage and protection against leaks.
- 3. Flashing Installation:
  - Install step flashing along sloped areas where the roof intersects with vertical surfaces.
  - Apply proper counter flashing in masonry areas to protect against water infiltration.
- 4. Starter Shingle Application:
  - Apply starter shingles along the eaves to provide a secure anchor for the first course of shingles.
  - Ensure starter shingles are aligned and securely fastened to prevent wind uplift.
- 5. Shingle Installation:
  - Install shingles according to the manufacturer's specifications and approved methods to ensure proper water shedding and wind resistance.
  - Follow a consistent nailing pattern and spacing as recommended by the manufacturer.



- 6. Ridge Cap Installation:
  - Apply ridge cap shingles along the ridges and hips of the roof to provide a finished and weather-resistant covering.
- 7. Ventilation Installation:
  - Install soffit vents at the eaves to allow fresh air intake.
  - Install ridge vents or other exhaust vents at the ridges to facilitate the escape of warm, moist air from the attic.
- 8. Cleanup and Inspection:
  - Remove any debris and excess materials from the roof and the surrounding area.
  - Perform a thorough inspection of the completed installation to ensure proper shingle alignment, flashing integrity, and overall workmanship.
  - Inspect the ground for fallen nails.
- 9. Final Checks:
  - Check for any exposed nail heads and ensure they are sealed with appropriate roofing cement.
  - Verify that all flashing components are properly secured and sealed.

This is a general guide, and it's essential to consult with the shingle manufacturer and adhere to their specific installation guidelines as well as follow local building codes and regulations.



Check with a licensed roofing contractor for additional information.