



Brad Hays



## SBC Roof Series: Tile Roof Installation

Installing a clay or concrete tile roof involves several key steps to ensure a properly functioning and long-lasting roofing system. Here are the general installation steps:

1. **Roof Deck Preparation:** Ensure the roof deck is clean, dry, and free of any debris. Repair any damaged or rotten sheathing as necessary.
2. **Underlayment Installation:** Lay the underlayment material, whether synthetic or asphalt-saturated felt, over the roof deck, starting from the eaves and working upward. Overlapping the underlayment is typically necessary to ensure complete coverage and water resistance.
3. **Battens Installation:** Install the battens over the underlayment, creating a framework for the tiles to be fastened to. Proper spacing and fastening of the battens are critical to the success of the roofing system.
4. **Flashing and Ridge/Hip Installation:** Apply flashing materials around roof penetrations, valleys, and other vulnerable areas. Install ridge tiles and specialized hip tiles to complete the covering of the roof's apexes and edges.
5. **Tile Installation:** Lay the clay or concrete tiles according to the manufacturer's instructions, starting from the eaves and working upward. Proper alignment, interlocking, and fastening of the tiles are crucial for a durable and weather-resistant roof.
6. **Finishing Touches:** Install eave closures, bird stops, and any additional features required to complete the roof system. Ensure that the ridge venting system is in place if ventilation is necessary.

Throughout the installation process, it's crucial to comply with local building codes, manufacturer guidelines, and best practices to ensure a structurally sound and watertight roof. Professional installers with experience in working with clay or concrete tile roofs are typically recommended to carry out this specialized work.



\* Check with a licensed roofing contractor for additional information.