



Brad Hays



## SBC Roof Series PVC Roof Installation

The installation of a PVC (polyvinyl chloride) roof typically involves several key steps to ensure a proper and effective roofing system. Here's a general overview of the installation process:

1. **Preparation:** The first step involves preparing the roof deck by ensuring it is clean, smooth, and free of any debris. Any necessary repairs or modifications are made at this stage.
2. **Insulation Installation:** Roof insulation is then installed over the prepared roof deck. Insulation materials such as polyisocyanurate (polyiso) or expanded polystyrene (EPS) are commonly used to provide thermal resistance.
3. **Cover Board Installation:** A rigid cover board is often placed over the insulation to provide a smooth surface for membrane installation and to protect the insulation from foot traffic and punctures.
4. **Membrane Layout:** The PVC membrane is rolled out across the roof and positioned to ensure proper alignment and coverage. It is then cut to fit the roof dimensions, leaving adequate overhang at the roof edges for proper termination.
5. **Seaming and Welding:** The PVC membrane is heat-welded at the seams using hot-air guns or robotic welders. This creates strong and watertight seams that prevent water infiltration.
6. **Flashing Installation:** Customized PVC flashing details are installed to waterproof roof penetrations, edges, and other vulnerable areas. These are securely fastened and integrated into the membrane system.
7. **Edge Detailing:** Metal drip edges and termination bars are installed at the roof perimeter to help direct water away from the structure and to securely terminate the membrane.
8. **Final Inspections:** Once the installation is complete, the entire roof system is thoroughly inspected to ensure that it meets the required quality standards and the manufacturer's specifications.

It's important to note that the specific installation process for a PVC roof may vary based on the project's requirements, the manufacturer's guidelines, and local building codes. Professional roofing contractors with experience in PVC roofing systems typically carry out these installations to ensure a high-quality and long-lasting result.



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