



GENERAL PROCEDURES FOR PREPARATION OF SURFACES AND APPLICATION OF ANVIL ROOF COATING PRODUCTS

Step 1. Inspect Surface: Examine the surface for unsatisfactory conditions and defects which must be corrected prior to product application. Insure that roof has adequate pitch or positive drainage and that no areas that will 'pond' water exists. Correct if necessary!

Step 2. Filling Gaps and Providing Structural Integrity: All gaps between roof panels must be closed. If a metal roof, pull together gaps with self-drilling screws. Use sponge foam straps or polyurethane foam pack to pre-fill voids larger than ¼ inch. Replace or repair structural members, plywood decking and other materials which are rusted, rotted or otherwise damaged. All fasteners must be re-tightened, secured, or replaced.

Step 3. Cleaning and Mildew Removal: Surface must be cleaned with a solution of water and tri-sodium phosphate. The surface must be pressure cleaned to remove all dirt, chalk and other contaminants. Use chlorine to kill mold and mildew and rinse thoroughly. Allow to dry completely before proceeding.

Step 4. Priming and conditioning of Surfaces: On metal substrates, all rusted areas must be treated to remove loose scale and to prevent further rusting. Prime treated areas with Anvil #1606 Rust Inhibitive DTM Primer. On Built-Up, Concrete Tile or other surfaces prone to chalking, apply a coat of Anvil #236 High Solids AquaSeal. Also apply #236 to Asphalt based materials to help prevent 'bleed through' of black dis-coloration...

Step 4. Sealing Seams: Encapsulate all fasteners in caulking compound, Anvil#1220 SeamSeal. All vertical seams must be sealed with at least a 4 inch wide layer of caulking compound. Horizontal seams must be reinforced with a 4 inch wide layer of caulking compound, one layer of fabric, and a final layer of SeamSeal to completely embed the fabric.

Step 6. Sealing around Roof Penetrations, Flashing etc: All ridge caps must be flashed with a 4 to 6 inch width of fabric and SeamSeal. All voids and open areas in ridge cap must be filled with backer rod, foam blocks, or urethane foam, prior to the application of fabric and caulking compound. Encapsulate all fasteners using SeamSeal. Caulking compound is to be applied around base of all penetrations extending 3 inches on vertical and 5 inches on base. Embed 6 inch width of fabric in caulking compound. Apply an additional layer of SeamSeal over the fabric.

Step 7. First Coat: Spray or roller apply first coat of Anvil Roof Coating at the recommended spread rate. On metal roofs apply first coat parallel to ribs. Allow 1 to 2 hours drying time prior to applying second coat.

Step 8. Second Coat: Apply second coat at recommended spread rate. On metal roofs apply parallel to ribs. Do not apply unless first coat is clean and will provide proper adhesion. Allow 6 to 8 hours of drying time to cure. Consideration must be given to humidity, temperature, imminent precipitation and time of day to allow proper cure and preclude 'wash off' on both coats.

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