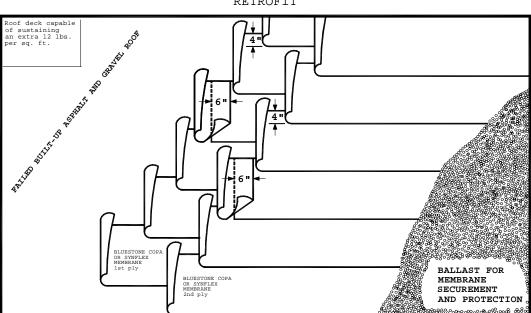
320 mil: 2 PLY BLUESTONE PREMIUM ROOFING SYSTEM * LOOSE LAID & BALLASTED page 11

OVER A FAILED BUILT-UP ASPHALT AND GRAVEL ROOF RETROFIT



The top ply must have lap in center of the underlying ply.

1. TYPE OF DECK:

Any deck capable of supporting the extra weight load of 12 lbs. per square ft. Consult a structural engineer prior to adding the extra weight.

2. MATERIALS:

BLUESTONE COPA 4 membrane (Co Polymer Alloy) BLUESTONE SYNFLEX 4 membrane (SYNthetic FLEXene) 2" to 3" stone ballast

3. ROOF PREPARATION:

Sweep the old roof clean. Puncture the old roof with a 1/2" drill every 4 square feet to allow trapped moisture to escape and prevent future blisters from forming.

4. MEMBRANE INSTALLATION:

Starting at the low point of the roof deck, loose lay the first ply of BLUESTONE membrane over the surface of the failed asphalt and gravel roof and <u>HEAT WELD</u> the seams, making sure to stagger all of the end laps a minimum of 4'. Side laps must be 4" and end laps 6". Fully adhere the second ply to the first ply by <u>HEAT</u> <u>WELDING ONLY</u>. Stagger all of the joints with the previously installed ply a minimum of 4 ft. ADHERING AND SEAMING THE BLUESTONE MEMBRANES WITH GLUES OR HOT ASPHALT WILL AUTOMATICALLY VOID THE WARRANTY.

5. FLASHING:

Install new .050 aluminium gravel stop with 2 inch raised edge.

6. MEMBRANE SECUREMENT AND PROTECTION: The new roof will be ballasted with 2 to 3 inch stone at a rate of 10 lbs. per square foot.