



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 SYNPLEX 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 HEAT WELD 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 HEAT WELDING ONLY. 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.