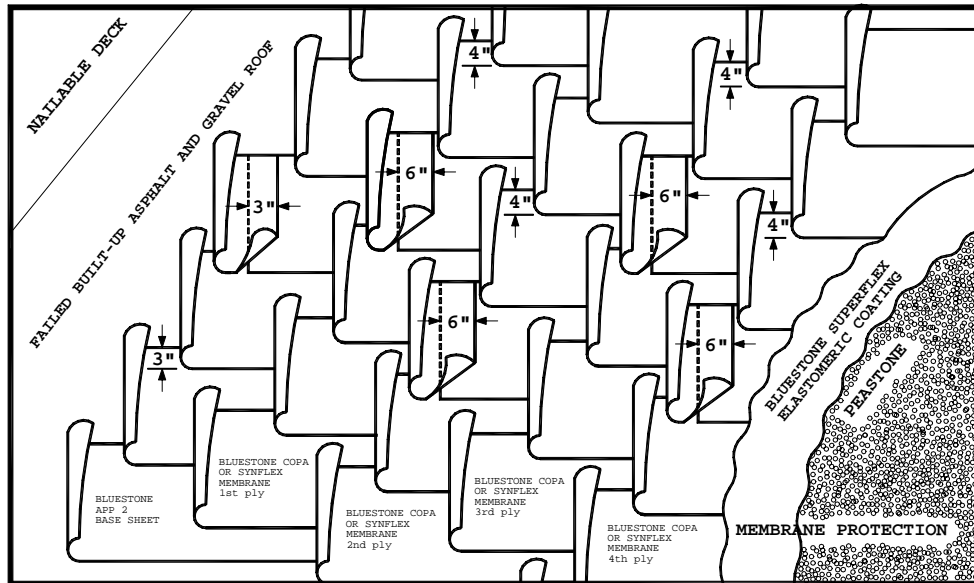


NAILABLE DECK
OVER A FAILED BUILT-UP ASPHALT AND GRAVEL ROOF
RETROFIT



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

1. TYPE OF DECK:

Plywood, wood plank, gypsum, metal.

2. MATERIALS:

Approved fasteners * STAINLESS STEEL and PLASTIC when moisture is present.

BLUESTONE APP 2 base sheet * OPTIONAL * Recommended when reroofing over a coal tar pitch roof.

BLUESTONE COPA 4 membrane (Co Ploymer Alloy)

BLUESTONE SYNPLEX 4 membrane (SYNthetic FLEXene)

BLUESTONE SUPERFLEX ELASTOMERIC COATING and pea stone

3. MECHANICAL ATTACHMENT OF OLD ROOF AND OR BASE SHEET:

The old Built-Up Asphalt and gravel roof must be planed smooth and swept clean. If the old roof insulation is wet, consult a qualified roofing consultant, perform a moisture scan to determine if any damage was caused by the moisture penetration. The old roofing system should be aerated by puncturing the old roof with a 1/2" drill every 4 square feet. This will allow the trapped moisture to aerate inside the building and prevent future blisters from forming. When moisture is present in the old roofing system, STAINLESS STEEL screws and PLASTIC plates should be used to secure the old roof or base sheet prior to reroofing. All roofing systems will dry out when these steps are taken. The only exception is roofs with concrete decks. (SEE SPECS. FOR **NON-NAILABLE DECK OVER FAILED BUILT-UP ASPHALT ROOF**) If a base sheet is used, it shall be mechanically attached to the underlying roof deck using the architect approved number of fasteners. The base sheet shall have 3" overlaps and extend up the walls a minimum of 2 inches past the cant strip.

4. MEMBRANE INSTALLATION:

Starting at the low point of the roof, fully adhere the first ply of BLUESTONE membrane by HEAT WELDING to the failed built-up asphalt and gravel roof, making sure to stagger all of the end laps a minimum of 4'. Side laps must be 4" and end laps 6". Repeat this procedure thrice more, conforming to the above diagram. All side laps must be centered on the previously installed ply and all end laps must be staggered with the previously installed ply. ADHERING AND SEAMING THE BLUESTONE MEMBRANE WITH GLUES OR HOT ASPHALT WILL AUTOMATICALLY VOID THE WARRANTY.

5. MEMBRANE PROTECTION:

The new roof will be coated with BLUESTONE SUPERFLEX ELASTOMERIC COATING at a minimum rate of 10 gals. per 100 sq. ft. and covered with pea stone, 1/2" fractured stone or slag at a minimum rate of 2 lbs. per sq. ft. On roofs that pond water, BLUESTONE F.A.R., (Flat Asphalt Roofcoating) is recommended at a rate of 7 gallons per 100 sq. ft. and covered with the afore mentioned stone at a minimum rate of 3 lbs. per sq. ft. SUNSHIELD ALUMINUM CHIPS and SUPER DUTY ALUMINUM PAINT are a lightweight option.