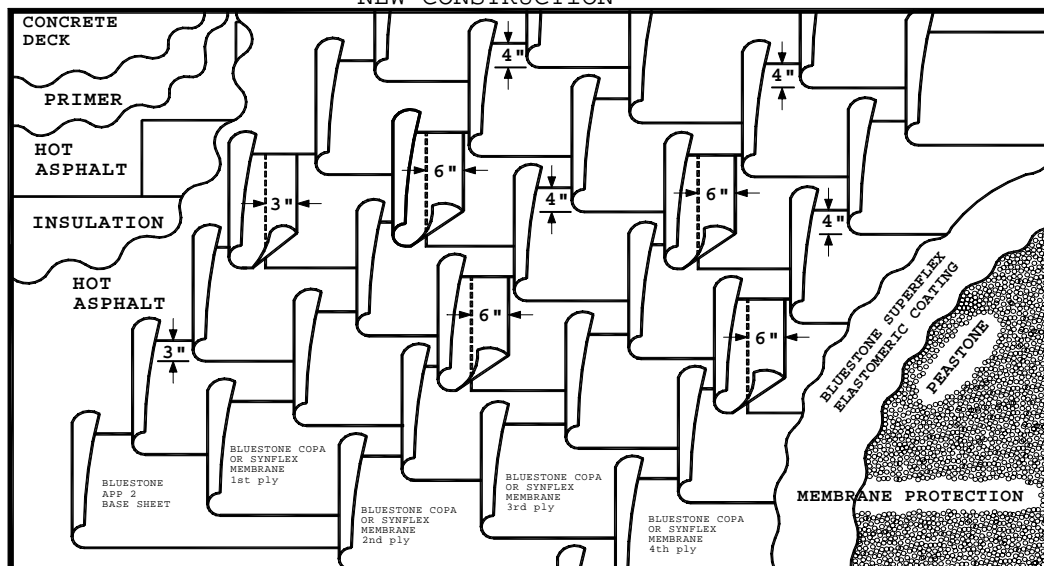


NON-NAILABLE DECK  
WITH INSULATION  
NEW CONSTRUCTION



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

1. TYPE OF DECK:  
Poured in place structural concrete, precast concrete.
2. MATERIALS:  
Asphalt primer, ASTM D41 or equal  
Type III asphalt to adhere insulation to deck  
Type I or Type II ASTM D312 asphalt to adhere base sheet to insulation  
Acceptable insulation  
BLUESTONE APP 2 base sheet  
BLUESTONE COPA 4 membrane (Co Polymer Alloy)  
BLUESTONE SYNPLEX 4 membrane (SYNthetic FLEXene)  
BLUESTONE SUPERFLEX ELASTOMERIC COATING  
Pea stone, 1/2" fractured stone or slag
3. ROOF DECK:  
Prime the roof deck and any vertical surfaces with asphalt primer at a rate of no less than 1/2 gallon per 100 square feet and allow to dry.
4. ATTACHMENT WITH HOT ASPHALT:  
Install insulation and base sheet starting at the low point of the roof deck. Solid mop the primed concrete deck with Type III asphalt at a rate of 25 to 30 lbs. per 100 square feet and set insulation in the asphalt while hot. Insulation joints are to be staggered and applied perpendicular to the roof deck slope. Over the insulation, solid mop the base sheet using Type I or Type II asphalt at a rate of 25 to 30 lbs. per 100 square feet. Base sheet shall be lapped 2" on the sides and 4" on the end, and extend 2" past the cant or 2" up the vertical wall. NOTE: Contact each roof insulation manufacturer for attachment specifications and compatibility with asphalt.
5. MEMBRANE INSTALLATION:  
Starting at the low point of the roof deck, fully adhere the first ply of BLUESTONE membrane by HEAT WELDING to the base sheet, 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 a minimum of 2' from the previously installed ply. ADHERING AND SEAMING THE BLUESTONE MEMBRANE WITH GLUES OR HOT ASPHALT WILL AUTOMATICALLY VOID THE WARRANTY.
6. 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 lightweight options.