

FOUR PLY ELASTOMERIC BUILT-UP ROOF ASPHALT FLOOD COAT OVER RIGID INSULATION

SPECIFICATION # KLB 100.4P.I.GS/T3

MATERIALS

- BITUMEN:** KLB-100 SEBS modified bitumen
ASTM-D-6152-97
(approx. 120lbs./sq.) (Inter ply)
ASTM-D-312, TYPE II OR TYPE III,
(approx. 50 lbs./sq.)(Flood coat)
- PLIES:** POLY-FELT 265VP premium
spunbond polyester (4 plies)
- SUBSTRATE:** Mineral Fiber, Perlite 1" min.
Isocyanurate w/ overlay board
Wood Fiber (High Density)
For other insulations call technical
services.
- SURFACING:** GS-Gravel Slag (shall meet ASTM
1863-86) - apply gravel at the rate of
400 lbs per square or slag at 300 lbs
per square in a flood coat of hot
asphalt. Apply asphalt at approx.
50 lbs per square.
- SLOPE:** 1/8" to 1" per lineal ft., for slopes
greater than 1" call Barrett Company
- WEIGHT:** 600 lbs/100 square ft approximately,
for the membrane and surfacing.

APPLICATION

Start at the low points of the roof, solid mop 3 starter plies to the substrate. After installing starter plies mop 4 plies of POLY-FELT, shingle fashion. Lap plies 30 1/2 inches with 40 inch wide rolls.

Bitumen shall be mopped in continuous film layers with no holidays or voids and shall typically range between 25 and 30 lbs per square per layer. Kettle temperatures shall typically be 475-500 degrees F. Under no circumstances should they exceed 525 degrees F.

Temperatures at a point of application shall range between 375 degrees F and 450 degrees F.

