

TWO PLY MODIFIED BITUMEN APPLICATION WITH ELASTOMERIC BITUMEN OVER RIGID INSULATION

**SPECIFICATION #
KLB 100.MB.I.CS
APPROVED WITH VARIOUS
MANUFACTURERS**

MATERIALS

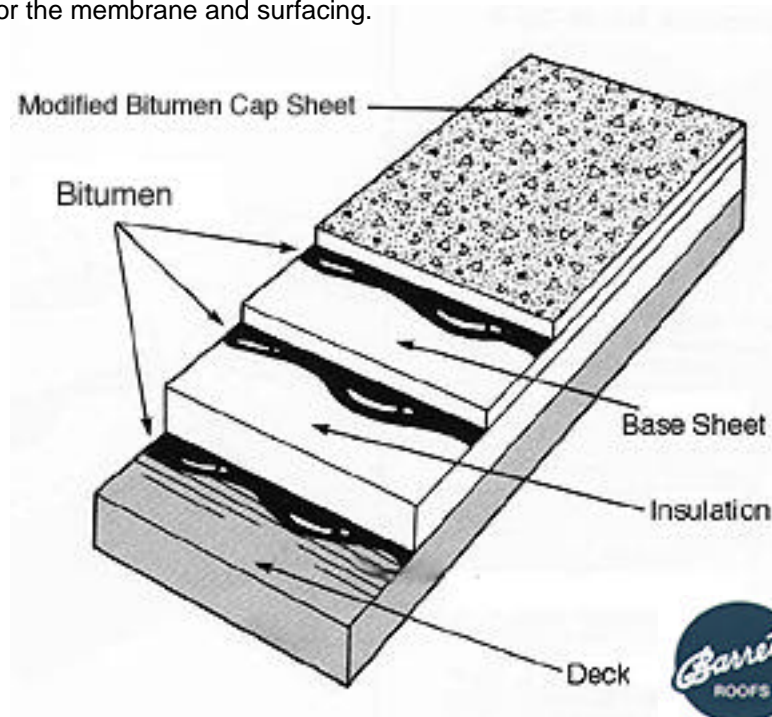
- BITUMEN:** KLB-100 SEBS modified bitumen (approx. 60 lbs./sq.)
- PLIES:** Base sheet shall be a 170g/m sq. polyester reinforced, SBS modified bitumen membrane with a sanded surface. Base sheet shall be 3.0 mm thick and meet ASTM-D-6164-97
- SUBSTRATE:** Mineral Fiber, Perlite 1" min. Isocyanurate w/ overlay board Wood Fiber (High Density) For other insulations call technical services.
- SURFACING:** Mineral Surface Cap Sheet shall be a 170g/m sq. polyester, reinforced, SBS modified bitumen membrane with a granular surface. Cap sheet shall be 4.0 mm thick and meet ASTM-D-6164-97
- SLOPE:** 1/8" to 1" per lineal ft., for slopes greater than 1" call Barrett Company
- WEIGHT:** 180 lbs/100 square ft approximately, for the membrane and surfacing.

APPLICATION

Start at the low points of the roof, set an 18 inch starter ply of base ply followed by a full width roll overlapping each ply 2", shingle fashion. Install cap sheet starting with a full width roll so base sheet and cap sheet laps are off-set. Ensure moppings exceed roll width. Install loose granules over bitumen bleed at all laps. Broom all plies.

Bitumen shall be mopped in continuous film layers without 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.



Barrett Company
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