

THREE PLY ELASTOMERIC BUILT-UP ROOF APPLICATION OVER RIGID INSULATION

SPECIFICATION #
KLB 100.3P.I.SC

MATERIALS

BITUMEN: KLB-100 SEBS modified bitumen
ASTM-D-6152-97
(approx. 120 lbs/sq.)

PLIES: POLY-FELT 265VP premium
spunbond polyester (3plies)

SUBSTRATE: Mineral Fiber, Perlite 1" min.
Isocyanurate w/ overlay board
Wood Fiber (High Density)
For other insulations call technical
services.

SURFACING: Apply KLB 100 SEBS modified
bitumen with a mop or squeegee
at the rate of 25 pounds per
square. KLB 100 should be allowed
to weather 60 days prior to application
of roof coating. Contact Barrett
Company for prior approval of any
aluminum or elastomeric roof coating.

SLOPE: 1/8" to 1" per lineal foot; for slopes
of 1" to 3" use KLB100 ES steep grade.

WEIGHT: 120 lbs/100 square ft approximately,
for the membrane and surfacing.

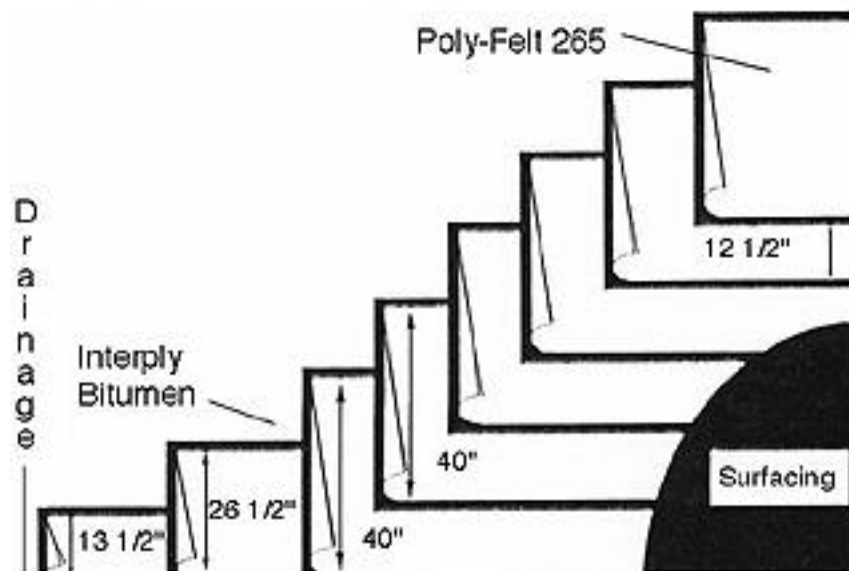
APPLICATION

Start at the low points of the roof, solid mop
2 starter plies to the substrate. After
installing starter plies mop 3 plies of POLY-
FELT, shingle fashion. Lap plies
27 1/2 inches with 40 inch wide rolls. 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.

All plies shall be surface glaze mopped after
installation of roofing plies. Allow KLB 100
to weather. Properly clean and prepare
surface of KLB to offer an acceptable
substrate for approved coating. Valleys and
low spots should receive gravel or reflective
aggregate as coatings will not resist standing
water.



Barrett Company
1.800.674.0100