

THREE PLY ELASTOMERIC BUILT-UP ROOF APPLICATION OVER RIGID INSULATION

SPECIFICATION #
KLB 100.3P.I.MG

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. When the bitumen is tacky
apply ceramic coated roofing
granules at the rate of 50 lbs per
square. Application can be by
mechanical or hand methods.

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

WEIGHT: 170 lbs/100 square ft approximately,
for the membrane and surfacing.

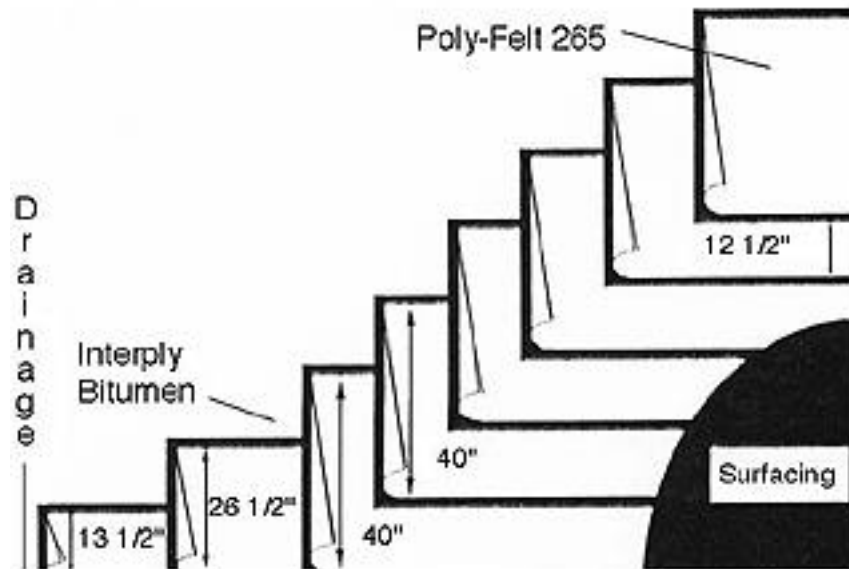
APPLICATION

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. Using mechanical
or hand method install granules at the rate of
50 lbs/sq. While the bitumen is warm and
tacky. Sweep off excess granules. Valleys
and low spots should receive gravel or
reflective aggregate as granules may not resist
standing water.



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