

# FOUR PLY BUILT-UP ROOF ELASTOMERIC, WITH FLOODCOAT OVER RIGID INSULATION

**SPECIFICATION #**  
**T-3.4F.I.GS/KLB**  
**Johns-Manville approved application**

## MATERIALS

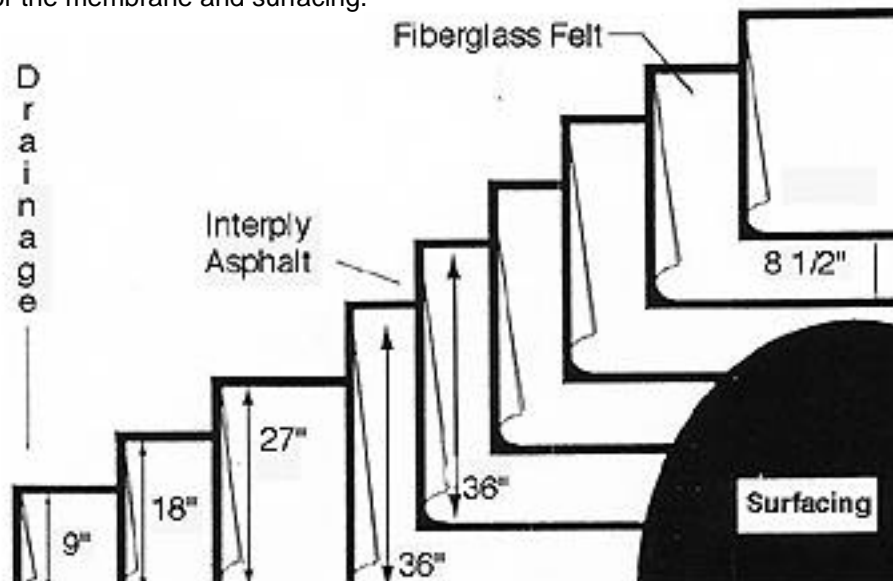
- BITUMEN:** ASTM-D-312, TYPE II OR TYPE III, (approx. 100lbs./sq.)(Inter ply)  
KLB-100 SEBS modified bitumen  
ASTM-D-6152-97  
(approx. 50lbs./sq.) (Floodcoat)
- PLIES:** ASTM-D-2178, Type VI Fiberglass Felt (4 plies)
- SUBSTRATE:** Mineral Fiber, Perlite 1" min.  
Isocyanurate w/ overlay board  
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 KLB 100. Apply bitumen 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 Fiberglass Felt, shingle fashion. Lap plies 27 1/2 inches with 36 inch wide rolls. Broom all plies.

Bitumen shall be mopped in continuous film layers without holidays or voids and shall typically range between 23 and 25 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**  
**1.800.674.0100**