SHORT STUFF[®] Suggested Starting Formulation

FIBRATED PLASTIC ROOF CEMENT CONTAINING SHORT STUFF® POLYETHYLENE E380F

The following formulation combines the excellent rheological properties of Attagel[®] 36 asphalt thickener with Emtal[®] 42 talc, which serves as a reinforcing filler. Low percentages of high density polyethylene in fibers are added to provide a fibrated appearance and excellent reinforcing properties. These plastic cements meet the performance standards as described in Federal Specification SS-C-153C and ASTM D-2822. A pre-gelling step is included to improve thickening when using a low-speed (7 rpm) Planetary Mixer.

FIBRATED PLASTIC ROOF CEMENT FORMULATION (WT%)

Order of Addition:	4863-19-1P
Sohio Grade B Cutback RD4540 Surfactant	
Mix 2 minutes Attagel [®] 36 Thickener	6.00
Mix until completely gelled (5-10 minutes) Sohio Grade B Cutback	44.92
Mix until homogenous (5 minutes) MiniFIBERS' SHORT STUFF [®] Polyethylene E380F Emtal [®] 42 Talc	
Mix until homogenous (10 minutes)	De la la

FIBRATED CUTBACK TYPICAL PROPERTIES

Ring & Ball Softening Point Needle Penetration Cutback Solids Saybolt Furol Viscosity 167°F 35 @ 77°F 62%/wt. 120 sec. @ 122°F



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