

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.....	24.00
RD4540 Surfactant.....	0.83
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.....	1.25
Emtal® 42 Talc.....	23.00
Mix until homogenous (10 minutes)	

FIBRATED CUTBACK TYPICAL PROPERTIES

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

MINIFIBERS, INC.