

**SUGGESTED STARTING FORMULATION FOR
"ASBESTOS FREE" ASPHALT ROOF COATING
CONTAINING SHORT STUFF® POLYETHYLENE E380F**

	Formulation A % by weight	Formulation B % by weight
<u>MATERIALS:</u>		
Asphalt (64% Solids).....	70.0	72.0
Bentone® 34.....	2.0	
Claytone® 34.....		1.0
Acetone (Polar Activator).....	1.0	
Rubber (30 Mesh).....	9.0	9.0
Calcium Carbonate.....	6.0	6.0
MiniFIBERS' SHORT STUFF® Polyethylene E380F.....	2.0	2.0
Mineral Spirits (Rule 66).....	<u>10.0</u>	<u>10.0</u>
	100.0	100.0

MIXING PROCEDURE:

1. Mix Asphalt and Bentone® 34 or Claytone® 34 for five minutes.
2. Add Acetone (Polar Activator, 60% of dry weight) and mix. (This step is eliminated when using Claytone® 34/Formulation B.)
3. Add Rubber (30 Mesh) and mix for five minutes.
4. Add Calcium Carbonate and mix.
5. Add half (1%) of the SHORT STUFF® Polyethylene E380F and mix until smooth.
6. Add remainder (1%) of SHORT STUFF® Polyethylene E380F and mix until smooth.
7. Add Mineral Spirits to desired viscosity and mix thoroughly.

PHYSICAL PROPERTIES

VISCOSITY

Brookfield Viscometer, HBT
 Spindle No. 5, 20 rpm, 24°C
 Reading..... 24
 Viscosity..... 38,400 cps

WEIGHT PER GALLON..... 8.0 lbs.

SAG

1. Drawdown card, 45° angle, 50 mil. thickness, 24°C. Results - Excellent.
2. Applied 100°F coating to a 100°F metal plate and placed vertically in oven at 150°F for one hour. Results - Excellent.
3. Increased oven temperature to 200°F. Results - Excellent.
4. Applied a 50 mil. thickness to metal plate and placed vertically on outside weathering stand. Results - Excellent.

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