

# SHORT STUFF®

## Suggested Starting Formulation

### ASPHALT ROOF COATING CONTAINING SHORT STUFF® HDPE E380F

	Formulation A % by weight	Formulation B % by weight
<b><u>MATERIALS:</u></b>		
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® HDPE E380F.....	2.0	2.0
Mineral Spirits (Rule 66).....	10.0	10.0
	100.0	100.0

#### **MIXING PROCEDURE:**

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

**MINIFIBERS, INC.**