

# SHORT STUFF®

## Suggested Starting Formulation

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

	Formulation A % by weight	Formulation B % by weight
<b><u>MATERIALS:</u></b>		
Asphalt (64% Solids).....	65.6	68.2
Claytone® 34.....	1.0	
Perlite® 800 Fines.....		7.0
Acetone (Polar Activator).....	0.6	
Aluminum Silicate.....	8.0	
MiniFIBERS' SHORT STUFF® HDPE E380F.....	2.0	2.0
Aluminum Paste.....	22.8	22.8
	100.0	100.0

#### **MIXING PROCEDURE:**

1. Mix Asphalt and Claytone® or Perlite® for five minutes.
2. Add half (1%) of the SHORT STUFF® HDPE E380F ten minutes.
3. Add remainder (1%) of SHORT STUFF® HDPE E380F and mix until smooth.
4. Add Acetone (Polar Activator, 60% of dry Claytone® weight) and mix. (This step is eliminated when using Perlite®/Formulation B.)
5. Add Aluminum Silicate and mix for five minutes.
6. Add Aluminum Paste (coarse leafing grade 6233) and mix thoroughly.

#### **PHYSICAL PROPERTIES**

##### **VISCOSITY**

Brookfield Viscometer, HBT  
Spindle No. 5, 20 rpm, 24°C

	Formulation A	Formulation B
Reading.....	9	14
Viscosity.....	14,400 cps	22,400 cps

**WEIGHT PER GALLON**..... 8.25 lbs. 8.34 lbs.

##### **REFLECTANCE**

Initial.....	61.4%	62.8%
50 hrs. in Cleveland Humidity Chamber.....	59.8%	60.2%

##### **APPEARANCE ON PANEL**

Very good.

##### **COLOR**

Very good (white - chrome).

##### **SAG**

Applied 100°F coating to a 100°F metal plate and placed in oven vertically for one hour at 150°F.  
Results - Excellent.

**MINIFIBERS, INC.**