



PRODUCT NO.  
5501

## TECHNICAL DATA

# HEAVY DUTY FIBERED ALUMINUM ROOF COATING

### DESCRIPTION:

- A premium blend of refined oxidized bitumen, high quality leafing aluminum pigment and non-asbestos extenders for added strength and durability.
- Heavy pigment loading provides excellent reflective and protective properties to a variety of roofing substrates.

### FEATURES:

- Cold applied by brush or airless spray equipment.
- Overlapping aluminum pigment layers form a tough, ozone and UV resistant barrier.
- Preserves surfaces from costly deterioration, extending the useful service life of the roof system.
- Reduces cooling energy consumption by reflecting the sun's IR energy away from the roof surface.
- Meets current Volatile Organic Compounds (VOC) regulations.
- Non-Asbestos
- ASTM D2824, Type III, Metro Dade, UL Classified

### USES:

- Forms a highly reflective, protective barrier over BUR, modified bitumen membranes and metal roofing surfaces.

### APPLICATION:

- Ready to apply. Do not heat. Do not thin.

### SURFACE PREPARATION:

- All work surfaces must be clean, dry, free of dirt, dust, debris, oils, loose and/or embedded gravel, un-adhered coatings, deteriorated membranes, and other contaminants that may result in a surface that is not sound.
- All necessary repairs must be completed before application to ensure the optimum performance.
- Extremely dusty or dry surfaces should be primed with Fortress® # 5302 Asphalt Primer or Fortress® #5085 HydroPrime™ 200.

### APPLICATION DIRECTIONS:

- Stir thoroughly prior to and periodically during application.
- Mechanical agitation/mixing is recommended, especially for drums.
- Apply to the properly prepared surface at a rate of 1-2 gallons per square.

### APPLICATION PRECAUTIONS:

- **DO NOT** use with or on 100% rubber or plastic substrates.
- **DO NOT** use on or with products containing coal tar, unless primed with Fortress® # 5606 TarBloc AP.
- **DO NOT** apply to damp or wet surfaces.
- **DO NOT** apply when temperatures are expected to fall below 50 ° F or when moisture is expected within 24 hours of application.
- **DO NOT** use where this product may come in contact with potable water.
- **DO NOT THIN.**
- **EXTERIOR USE ONLY.**

### CLEAN UP:

- Immediately rinse/flush equipment and tools with mineral spirits after use, exercising all flammable liquid precautions.
- Use waterless hand cleaner on skin.

### TYPICAL PROPERTIES:

Property	Test Method	Result
Wt/gal, lbs.	D6511	8.5-9.0
Solids, % by wt.	D6511	72-77
% by vol.		68-73
Viscosity, grams	Stormer @ 200 rpm	500-700
pH		N/A
Flash Point, °F	PMCC	105 min.
Color, Cured	Visual	Silver-white
Drying time, Touch	70 °F/50% R.H.	1 hour
Shelf Life	70°F/50% R.H.	1 year
VOC	EPA Method 24A	450 gm/liter max.

### PACKAGING:

- 5-gallon pails (48 lbs.) and 55-gallon drums (536 lbs.)

### SPECIFICATION COMPLIANCES:

- ASTM D2824, Type III, Metro Dade, UL Classified

### SAFETY AND ENVIRONMENTAL PRECAUTIONS:

- **CONSULT MATERIAL DATA SAFETY SHEET FOR DETAILED HANDLING AND DISPOSAL**