

White Elastomeric Coating

DESCRIPTION:

- A white elastomeric roof coating that reduces roof temperatures by as much as 90 °F, lowering cooling load demands and extending the life of the roof system.
- Resists discoloration associated with dirt pickup, UV and oxidative weathering and biological growth (mold, mildew and algae resistant.)

FEATURES:

- Cold applied by brush, spray or long nap roller.
- Resists fatigue failure associated with cyclic thermal shock.
- Contains adhesion promoters, UV blockers and fungicides to maintain long-term protection and performance.
- Remains flexible to -30°F
- Non-asbestos and VOC compliant.

USES:

- As a reflective, energy saving coating over smooth or gravel surfaced asphalt BUR, metal roofing and modified bitumen membranes.
- Can also be used over mineral or gravel surfaced coal tar roofing systems, if used in conjunction with **TarBloc AP**, stain blocking primer,

APPLICATION:

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

SURFACE PREPARATION:

- New roof installations and roof repairs should be allowed to weather the equivalent of 30 summer days prior to the application.
- Surfaces may be dry or damp, but must be free of all contaminants and standing water. To ensure removal of all residual surface oils and biological growth (mold, mildew and algae), which can result in adhesion failures, surfaces to be coated should be cleaned and prepared with **QuiKleen** (Refer to Technical Data Sheet for proper usage details.)

APPLICATION DIRECTIONS:

- Using a suitable roofing brush, long nap roller, or airless sprayer, apply to properly prepared surfaces at a total coverage rate of 1½ to 2 gallons per 100 square feet. **(When spraying, exercise caution to avoid over spray.)**
- Two coats, each at ½ the total coverage rate and applied perpendicular to one another, are required for optimum results.
- Drying time to recoat is approximately 2-4 hours (70 °F and 50% relative humidity).

APPLICATION PRECAUTIONS:

- **FOR EXTERIOR USE ONLY.**
- **DO NOT apply if heavy rain or dew is expected or if temperatures are expected to drop below 45°F within 8 hours of application.**
- **NOT designed for areas that pond water.**
- **DO NOT FREEZE. DO NOT THIN.**
- **DO NOT apply to coal tar surfaces, unless primed with Fortress[®] # 5606 TarBloc AP.**
- **DO NOT STORE BELOW 45°F.**
- **NOT FOR USE WITH POTABLE WATER COLLECTION SYSTEMS**

CLEAN UP:

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

TYPICAL PROPERTIES:

Property	Test Method	Result
Wt/gal, lbs.	D2939	10.-10.9
Solids, % by wt.	D2939	61-62
	D2697	51-52
Viscosity, cps	Brookfield RVT, # 4 spindle	12,000-15,000
pH	N/A	8 -10
Flash Point, °F	PMCC	None
Elongation, %	ASTM D412	350 min.
Reflectivity, %		80 min.
Color, Cured	Visual	White
Drying time, Touch	70 °F/50% R.H.	1-2 hours
Wet film thickness, mils	@ 2 gal/100 ft ²	30-34
Cured film thickness, mils	@ 2 gal/100 ft ²	15-17
Shelf Life	70°F/50% R.H.	1 year
VOC	EPA Method 24A	20 gm/liter max.

PACKAGING:

- 5-gallon pails (53 lbs.) and 55-gallon drums (585 lbs.)

SPECIFICATION COMPLIANCES:

- ASTM D6083

SAFETY AND ENVIRONMENTAL PRECAUTIONS:

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