

TECHNICAL DATA

White Acrylic Cement

DESCRIPTION:

- Fortress[®] White Acrylic Cement is a multi-purpose reflective cement intended for all flashings and repairs to white roof coatings.
- A custom blend of acrylic polymers, titanium dioxide pigment, mineral stabilizers and water, designed to handle thermal stresses and roof top movement.

FEATURES:

- Cold applied by trowel and cures to a tough, protective, flexible barrier.
- 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.
- Designed for vertical applications; it will not sag or slump.
- Compatible with EPS insulation.
- Non-asbestos and VOC compliant.

USES:

- As a cold applied, reflective repair cement for flashing and deck repair, prior to coating with Fortress[®] # 5601 White Elastomeric Coating.
- 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 repaired should be cleaned and prepared with Fortress[®] **QuiKleen** .

APPLICATION DIRECTIONS:

- Trowel the first layer of cement about 1/8 to 1/4 inch thick onto the prepared surface, spreading it approximately 4 inches beyond the area to be covered with the reinforcing fabric.
- Embed the reinforcing fabric into the cement, using sufficient pressure to thoroughly wet the fabric strands and conforming the fabric to the surface.
- Do not allow the fabric to bridge any of the surface.
- Top coat with another layer of cement (1/8 to 1/4 inch thick.

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	10.2-10.6
Solids, % by wt.	D2939	57-60
	% by vol.	D2697
Viscosity, cps	Brookfield RVT, # 6 spindle	30,000-50,000
pH	N/A	8 -10
Flash Point, °F	PMCC	None
Color, Cured	Visual	Off white
Drying time, Touch	70 °F/50% R.H.	4-6 hours
Shelf Life	70°F/50% R.H.	1 year
VOC	EPA Method 24A	20 gm/liter max.

PACKAGING:

- 5-gallon pails (62 lbs.)

SPECIFICATION COMPLIANCES:

- Not applicable

SAFETY AND ENVIRONMENTAL PRECAUTIONS:

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