



PRODUCT NO.
5105

PLASTIC ROOF CEMENT

DESCRIPTION:

- A select blend of refined asphalt, aliphatic solvents, non-asbestos fibers and fillers, designed for general utility repairs on most roof systems.

FEATURES:

- Cold applied by trowel.
- Resistant to UV and chemical attack.
- Meets current VOC requirements.
- Non-Asbestos.
- Cures to a tough, durable protective barrier.
- ASTM D4586, UL Classified.

USES:

- General roofing repairs.
- Tie-offs at the end of the day's work.
- Adhesion of loose shingle tabs.
- To repair bare spots, blisters, ruptures and splits.
- Waterproof concrete and masonry surfaces.

APPLICATION:

- Ready to apply. Do not heat. Do not thin.
- In cold weather, store product at 70-80 ° F for 24 hours prior to application or use an OSHA approved pail/drum heater.

SURFACE PREPARATION:

- All surfaces must be clean, free of heavy dirt, dust, debris, oils, loose gravel, un-adhered coatings, loose, scaling rust, deteriorated membranes, and other contaminants that may result in a surface that is not sound.
- Surface must be free of frost, snow and ice.
- Aggregate must be spud away to provide a proper work surface.
- Fasteners must be repaired and/or replaced as needed.
- If a primer is required, use Fortress® #5302 Asphalt Primer.

APPLICATION DIRECTIONS:

- Trowel a layer of cement, approximately 1/8 to 1/4 inch thick onto the prepared surface. If making a repair, extend the cement four inches beyond the affected area.

- Embed the reinforcing fabric/membrane into the wet cement, using sufficient force to ensure adequate contact/wetting. Conform the fabric/membrane to the surface.
- Do not allow the fabric/membrane to bridge the surface or "fish mouth".
- On repairs, surface the repair area with another layer of cement, 1/8 to 1/4 inch thick.

APPLICATION PRECAUTIONS:

- **DO NOT** use on 100% rubber or plastic substrates.
- **DO NOT** use on products containing coal tar.
- **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 an OSHA approved solvent after use, exercising all flammable liquid precautions.
- Use waterless hand cleaner on skin.

TYPICAL PROPERTIES:

Property	Test Method	Result
Wt/gal, lbs.	D6511	8.6-9.0
Solids, % by wt.	D6511	75-80
% by vol.		70-75
Viscosity, cps	Brookfield	1-1.5 MM
pH		N/A
Flash Point, °F	PMCC	105 min.
Color, uncured & cured	Visual	Black
Drying time, Touch	70 °F/50% R.H.	8 hours
Shelf Life	70°F/50% R.H.	1 year
VOC	EPA Method 24A	250 gm/liter max.

PACKAGING:

- 5-gallon pails (47 lbs.)

SPECIFICATION COMPLIANCES:

- ASTM D4586, UL Classified.

SAFETY AND ENVIRONMENTAL PRECAUTIONS:

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