



**PRODUCT NO.  
5402**

## TECHNICAL DATA

### TAR ROOF CEMENT

#### **DESCRIPTION:**

- A select blend of refined coal tar pitch, aromatic solvents, non-asbestos fibers and fillers, and wet adhesion surfactants, that is designed for compatibility with coal tar pitch roofing and waterproofing systems.

#### **FEATURES:**

- Highly resistant to chemical and ultraviolet attack.
- Ideal for emergency roof repairs, since it can be applied under standing water and is ponding water resistant.
- Meets current VOC requirements.
- Non-Asbestos.
- Cold applied with a trowel and cures to a tough, durable protective barrier.
- ASTM D5643

#### **USES:**

- A cold applied adhesive/cement for use with coal tar pitch BUR and waterproofing.
- Tie-offs for the end of the day's work, to repair bare spots, blisters, ruptures and splits.
- Can be used in pitch pockets, to seal around skylights, vent pipes or other roof projections.

#### **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® #5405 Tar 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 with or on 100% rubber or plastic substrates.
- **DO NOT** use on or with products containing asphalt.
- **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 aromatic solvent after use, exercising all flammable liquid precautions.
- Use waterless hand cleaner on skin.

#### **TYPICAL PROPERTIES:**

Property	Test Method	Result
Wt/gal, lbs.	D6511	9.3-9.8
Solids, % by wt.	D6511	85-90
% by vol.		80-85
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	200 gm/liter max.

#### **PACKAGING:**

- 5-gallon pails (52 lbs.)

#### **SPECIFICATION COMPLIANCES:**

- ASTM D5643

#### **SAFETY AND ENVIRONMENTAL PRECAUTIONS:**

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