



PRODUCT NO.
5006

TECHNICAL DATA

TROWEL GRADE ASPHALT EMULSION

DESCRIPTION:

- A homogenous blend of selected petroleum bitumen, water, and mineral stabilizers.
- Manufactured using a state of the art, colloid milling process to ensure a smooth, uniform consistency.

FEATURES:

- Can be applied by trowel.
- Excellent UV resistance and capable of withstanding thermal shocks and stresses without failure.
- Heavy film builds will not slump or sag.
- Cures to a tough, flexible protective barrier that resists "alligator" cracking and chemical attack.
- Compatible with EPS insulation, metal substrates and asphalt systems.
- Non-Asbestos and Zero Volatile Organic Compounds (VOC)
- ASTM D1227, Type II, Class 1 & D1187, Type I

USES:

- As a cold applied coating for flashings in close proximity to air inlets.
- As an adhesive for EPS insulation.
- Dampproofing of masonry and concrete surfaces.

APPLICATION:

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

SURFACE PREPARATION:

- All work surfaces must be clean, damp or dry, but free of standing water, 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 optimum performance.
- Extremely dusty or dry surfaces should be primed with Fortress® # 5302 Asphalt Primer or Fortress® #5085 HydroPrime™ 200.

APPLICATION DIRECTIONS (Flashings):

- Trowel a layer about 1/8 to 1/4 inch thick onto the properly prepared surface, spreading the cement four inches beyond the area to be reinforced with fabric.
- Embed the reinforcing fabric into the Trowel Grade Emulsion, using sufficient pressure to force the emulsion through and around the open weave. Conform the fabric, uniformly to the surface.
- Top coat with another layer of emulsion, 1/8 to 1/4 inch thick.

APPLICATION DIRECTIONS (EPS Insulation):

- Spot stick, strip apply or fully adhere the EPS, according to the manufacturer's recommendations.

APPLICATION PRECAUTIONS:

- **DO NOT** use with or on 100% rubber or plastic substrates.
- **DO NOT** use on or with products containing coal tar.
- **DO NOT** apply to areas that pond water.
- **DO NOT** apply if temperatures are expected to fall below 45 °F or rain or heavy dew is expected, within 24 hours of application.
- **DO NOT** use where this product may come in contact with potable water.
- **DO NOT THIN.**
- **DO NOT FREEZE**

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	8.3-8.7
Solids, % by wt.	D6511	50-55
% by vol.		48-52
Viscosity, poise	Brookfield, RVT	3500-45000
pH		6.2-7.2
Flash Point, °F	PMCC	None
Color, Cured	Visual	Black
Drying time, Touch	70 °F/50% R.H.	1-2 hours
Shelf Life	70 °F/50% R.H.	1 year
VOC	EPA Method 24A	zero

PACKAGING:

- 5-gallon pails (45 lbs.)

SPECIFICATION COMPLIANCES:

- ASTM D1227, Type II, Class I & D1187, Type I

SAFETY AND ENVIRONMENTAL PRECAUTIONS:

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