

SELECTION & SPECIFICATION DATA

Type	Water-based Acrylic
Description	User-friendly, single-component, thin-film waterborne coating for concrete dampproofing.
Features	<ul style="list-style-type: none"> • Water-based - environmentally and user friendly • VOC content SCAQMD-compliant • Very stable - no settling or separation • Complies with EPA 40 CFR 261 for solid waste management • Resistant to 5% hydrochloric acid, 5% sulfuric acid and 5% caustic pot ash
Uses	Dampproofing for Portland cement concrete structures
Color	Black
Finish	Gloss
Dry Film Thickness (DFT)	2 – 3 mils per coat
Solids Content	25% by weight 24% by volume
Limitations	Protect from freezing Not for immersion service

SUBSTRATES & SURFACE PREPARATION

Concrete	Substrate must be clean, dry and free of contaminants.
Previously Painted Surfaces	Consult with ErgonArmor Technical Service.

SAFETY

Safety	Mixes and applications of this product present a number of hazards. Read and follow the hazard information, precautions and first aid directions on the individual product labels and safety data sheets before using.
Ventilation	Use in well ventilated areas.

MIXING & THINNING

Mixing	Mild agitation prior to spraying
Thinning	Generally not required
Ratio	Single component
Cleanup	Mineral spirits or similar solvent

APPLICATION GUIDANCE

Spray Application	Ertech 7230 is designed for spray application using airless equipment.
Airless Spray	For best results under a wide variety of spray conditions, a 15:1 or higher ratio pump is recommended.
Tip Size	A 0.015-inch orifice tip size is recommended
Hose L/D	200 ft (maximum) x 3/8-inch diameter
Whip L/D	6 ft (maximum) x 1/4-inch diameter
Pump Packings	PTFE/UHMWP packings in the spray pump are recommended.
Film Thickness	Non-sagging up to 10 mils WFT on vertical surfaces
Brush/Roller	Can be brush or roller applied.
Dry-To-Touch	20 minutes at 73°F (23°C) for 3 mil film thickness. Cure times are shortened with air movement over the coating. Cure time will increase with thicker films.
Full Cure	40 minutes at 73°F (23°C) for 3 mil film thickness. Cure times are shortened with air movement over the coating. Cure time will increase with thicker films.

PACKAGING, ESTIMATING & HANDLING

ITEM #	PACKAGING
K-7230-005-001	Pail - 5 gallons
K-7230-053-001	Drum - 53 gallons
Theoretical Coverage Rate	385 square feet per gallon at 1 mil DFT
Storage & Shelf Life	Estimated shelf life is 6 months when stored in a dry area at 75°F (24°C). Actual shelf life may vary with storage conditions. Do not store below 50°F (10°C) or above 110°F (43°C). Protect from freezing. Do not store outside. Store indoors.

TYPICAL PHYSICAL PROPERTIES

Density ASTM D1475-13	8.4 lbs/gal
Solids by weight ASTM D5201-05a	25%
Solids by volume ASTM D5201-05a	24%
Specific gravity	1.01
Viscosity, 77°F (25°C) ASTM D2983-19	2,000 cps
Resistance to oils, greases & solvents	Moderate
VOC ASTM D3960-05	200 g/L (1.67 lbs/gal)
Flash point ASTM D93-18	>200°F (93.3°C)

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