



OVERVIEW

RE-500, now with true one-coat coverage, is a high-performance, spray-applied insulation encapsulant and coating for use inside the HVAC ductwork. RE-500 coating is formulated with EPA registered chemicals to resist microbial growth on the surface of the coating. At 13 g/l, this low VOC coating is ideal for critical projects such as hospital and schools. The semi-gloss finish provides a non-stick surface that will inhibit fiberglass degradation and debris accumulation that could lead to mold and mildew growth.

PART NUMBERS

319023	(1) 5-Gallon Pail (White)
319024	(1) 5-Gallon Pail (Black)

FEATURES AND BENEFITS

- True One-Coat Coverage
- Low VOC
- Non-Stick Surface
- Formulated with EPA-Registered Chemicals
- Inhibits Fiberglass Degradation
- Made in USA

SPECIFICATION/STANDARDS COMPLIANCE

Property	Method	Results
Fungus Resistance	ASTM G21	Pass
VOC Limitation	SCAQMD Rule 1168	Pass
Surface Burning	ASTM E84	Flame Spread - 0 Smoke Developed - 5
LEED v4	UL 2818	Pass

TECHNICAL DATA

Color	White & Black
Base	Synthetic latex
Solvent	Water
Weight per Gallon	9.65 lbs. (+/- 0.2 lbs.)
Solids Content	50 to 60% (+/- 2%)
Viscosity	>15,000 cps
Coverage	Smooth: 200 to 600 ft ² /gallon Porous: 75 to 175 ft ² /gallon
Dry Time (to touch)	1–2 Hours
Service Temperature	-20°F to 200°F (28.2°C to 93.3°C)
Mildew Resistance	Mold & Mildew resistant
VOC	Exempt: 0 g/l Non-Exempt: 13 g/l (less water)

APPLICATION

Temperature	40°F to 110°F (4.4°C to 44°C)
Method	Prior to application, mix thoroughly to achieve a uniform consistency. Apply to all surfaces using one coat by HVAC Robotic Spray Applicator or airless spray, or two coats by brush or roller. Application rate will vary depending on porosity of the insulation. Prior to turning on the air handler verify the product is thoroughly dry.
Surface Preparation	Lined air duct should be mechanically cleaned to remove all mold, dust and loose particulate being careful not to damage insulation or liner. Galvanized surfaces need to be clean of all accumulated mold, dust and loose particles. Ensure that all interior surfaces are thoroughly dry before application of the RE-500. Please review all pertinent ASHRAE, ANSI and NADCA HDR 2013 publications. Consult an Indoor Air Quality Environmentalist and the local building codes prior to starting a remediation project.
Clean Up Wet	Soap and water
Clean Up Dry	Un-Tack™ or solvent (Use safe handling practices)

STORAGE

Temperature	40°F to 110°F (4.4°C to 44°C)
Shelf Life	One year (unopened)
Flammability	Nonflammable

PRECAUTIONS

Inspect all winter shipments on arrival. Do not allow this product to freeze. Apply when temperatures will not fall below freezing for 36-48 hours. Do not apply this product where temperatures will exceed 200°F (93.3°C). Keep out of the reach of children. Review Safety Data Sheet for complete safety information prior to use.

For Industrial Professional Use Only.

