

Corrosion-Resistant Coil Coatings

You Have Choices.

Epoxy E-Coating or Baked Phenolic Coating.

**ELECTROFIN® EPOXY E-COAT AND HERESITE BAKED PHENOLIC COATINGS
ARE AVAILABLE UPON REQUEST.**

CONTACT OUR APPLICATIONS ENGINEERING TEAM FOR MORE INFORMATION.

Electrophoretic coating (E-coating) is an immersion wet paint finishing process that uses electrical current to attract the paint product to a metal surface. This process is also referred to as paint deposition. The E-coat process is a dipping (immersion) system very similar to what is used in metal plating except the finish uses organic paint particles not metal particles in the immersion baths. ElectroFin® E-Coat is a water-based, flexible epoxy polymer coating process engineered specifically for HVAC/R heat transfer coils.

Baked phenolic coatings, such as those from Heresite®, are designed for a wide range of pH environments, including highly acidic environments. They are used for protection in a variety of industries, including coating container linings, tank linings, fans, blowers, duct work, exhaust hoods, pipes, and pumps.

PROPERTIES	ELECTROFIN® EPOXY E-COAT	BAKED PHENOLIC COATINGS
Salt Spray ASTM B-117	10,000 hours	6,000 hours
Cyclic Weathering ISO 20340 Offshore Standard	Passed 4200 hours	Passed 4200 hours
ASTM D3359 Adhesion	5B	5B
Dry Film Thickness	.6 - 1.2 mil	<1 mil
ASTM G85-A3SWAAT Corrosion	3,000 hours	1,000 hours
ASTM D2794 Impact	160 inches/lb.	160 inches/lb.
ASTM D2247 Humidity	1,000 hours	2,000 hours
Heat Transfer Reduction	<1%	<1%
ASTM D3363 Hardness	2H min	5-6H