

## **Heresite has you covered.**

**History. Leadership. Innovation. Service.**

In 1964, Heresite was the first company to apply coatings to aluminum-finned, copper-tubed heat exchangers. Heresite coating became then, and still remains a standard in the industrial coatings industry. We provide the highest quality protective coatings for air conditioning and refrigeration systems that operate in moderate to severely corrosive environments, including both coastal and/or industrial applications. With the broadest product portfolio in the industry, we can match your needs to our products and find a coating solution that truly protects in even the harshest environments.

### **Our growing portfolio of products for HVAC applications**

#### **NEW WB-506 Air-Dry Water-Based**

A single-component air-dry coating offering faster drying, better corrosion resistance, extremely low VOC, and can be used for spraying or dipping.

#### **P-413 Modified Baked Phenolics**

A thin film, high performance coating used principally for coil and radiator heat exchangers as well as other air and fume handling equipment fabricated of light gauge metals. It is the first HVAC-R coil and radiator coating to meet the ISO 12944-9 (formerly ISO 20340) Standard for severe offshore marine environments.

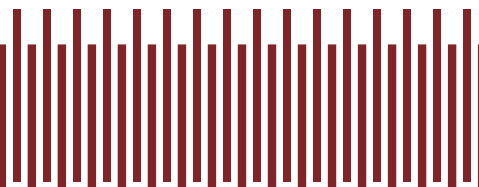
#### **ES-600 Epoxy-Silane**

A two-component direct-to-metal coating for excellent adhesion and high resistance to UV and corrosive environments. The highest-performing non-baked HVAC coating on the market.

#### **Hydrophilic HL-300**

A topcoat that reduces the contact angle of water exposed to the surface. This robust coating provides superior hydrophilic protection in high salt spray or immersion environments, reducing water carryover downstream from a wet coil or coil covered with condensate.

**Heresite Protective Coatings LLC • 822 S. 14th St • Manitowoc, WI 54220**  
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## Coils to cabinets. Aluminum, copper or galvanized. Offshore or chemical. Heresite has you covered.

Whatever the application, and no matter how tough the environment, Heresite offers the widest range of protective coatings to meet your need.

From dipped and baked to new chemical cures, to sprays that air-dry faster, our team of coating experts can guide you to a complete solution for your application.

|  | P-413                            | ES-600                    | WB-506                    | VR-514      |
|--|----------------------------------|---------------------------|---------------------------|-------------|
| <i>Chemistry</i>   | Phenolic Epoxy                   | Epoxy Silane              | Proprietary               | Phenolic    |
| <i>Cure Mechanism</i>                                    | Oven Cured                       | Chemical Cure; Air-Dried  | Air-Dried                 | Air-Dried   |
| <i>Method of Application</i>                             | Immersion, flow or spray         | Spray                     | Immersion, flow or spray  | Spray       |
| <i>Cyclic offshore (ISO 12944-9) (aluminum + copper)</i> | Pass 25 weeks (4,200 hrs)        | Pass 25 weeks (4,200 hrs) | Pass 25 weeks (4,200 hrs) | NT          |
| <i>Static Salt Spray (ASTM B-117) (hours)</i>            | 6,000+ (test panel up to 18,000) | 5,000+                    | 5,000+                    | 2,000       |
| <i>Humidity (ASTM D-4585) (hours)</i>                    | 5,000+                           | 5,000+                    | 5,000+                    | 250         |
| <i>QUV (ASTM D-4587) (hours)</i>                         | 3,000+ (with UC-5500)            | 5,000+                    | 2,000+                    | <150        |
| <i>QUV-C Sterilizer (hours)</i>                          | 1,500                            | NT                        | NT                        | NT          |
| <i>ASTM G-85 Annex 3 (SWAAT)</i>                         | 3,000+ hours                     | NT                        | NT                        | NT          |
| <i>Solvent Resistance (ASTM D5402) (MEK)</i>             | 100+                             | 100+                      | <10                       | <10         |
| <i>Adhesion (ASTM B-3359)</i>                            | 5B                               | 4B/5B                     | 5B                        | 5B          |
| <i>Flexibility (ASTM D-522)</i>                          | passes 1/4"                      | passes 1/4"               | passes 1/8"               | passes 1/2" |
| <i>Hardness (ASTM D-3363)</i>                            | 5-6H                             | 2H-4H                     | 2B-B                      | 4H          |
| <i>Temperature Limitation</i>                            | 400F (204C)                      | 200+F (93+C)              | 200F (93C)                | 200F (93C)  |
| <i>DFT (mils)</i>  | 1.0 - 1.5                        | 1.0 - 1.5                 | 0.8 - 1.2                 | 1.5 - 2.5   |
| <i>Chemical Resistance</i>                               | Immersion and fume               | Fumes                     | Fumes                     | Fumes       |
| <i>NSF</i>   | Yes effective 10/09/2017         | Approvable                | Approvable                | Approvable  |
| <i>VOC lbs/gallon (as-applied)</i>                       | 2.3                              | 1.1                       | <1.0                      | 2.8         |

Effective date: 1/10/2020

NT = Not Evaluated Yet

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