

INFINIGUARD

1353 Ave. Luis Vigoreaux, PMB 167 • Guaynabo, PR 00966 • Phone: +1-858-414-1121 • Fax: +1-858-746-5190
E-Mail: info@infiniguard.com • Web: www.infiniguard.com

INFINIGUARD® anti-corrosion coating engineering specification applied to HVAC units

For application to condenser coil, and complete air cooled condenser

Provide INFINIGUARD® anti-corrosion coating applied by a “Caribbean Energy Solutions LLC (CES) Certified Applicator”. HVAC unit condenser coils, compressors, fans, tubes, structural components, and electrical components shall be coated using INFINIGUARD®. Product shall be a siloxane based two part coating that cures under humidity and heat. Product shall be lab tested for 12,000 hours under ASTM B117 salt spray, 120 cycles under SAE J2334 cyclic corrosion test, 2,000 hours under ASTM G154 UV resistance, 2,000 hours under ASTM D2247 humidity resistance, and pass food contact certification US FDA 21 CFR 175.300. INFINIGUARD® coated HVAC units shall carry the CES limited warranty.

For application to condenser coil and electrical components of air cooled condenser or rooftop package unit

Provide INFINIGUARD® anti-corrosion coating applied by a “Caribbean Energy Solutions LLC (CES) Certified Applicator”. HVAC unit condenser coil, and electrical components shall be coated using INFINIGUARD®. Product shall be a siloxane based two part coating that cures under humidity and heat. Product shall be lab tested for 12,000 hours under ASTM B117 salt spray, 120 cycles under SAE J2334 cyclic corrosion test, 2,000 hours under ASTM G154 UV resistance, 2,000 hours under ASTM D2247 humidity resistance, and pass food contact certification US FDA 21 CFR 175.300. INFINIGUARD® coated HVAC units shall the CES limited warranty.

For application to condenser coil, and cabinet of rooftop package unit (no evaporator coil or inside of evaporator cabinet)

Provide INFINIGUARD® anti-corrosion coating applied by a “Caribbean Energy Solutions LLC (CES) Certified Applicator”. HVAC unit condenser coil, compressors, fans, tubes, exterior structural components, and electrical components shall be coated using INFINIGUARD®. Product shall be a siloxane based two part coating that cures under humidity and heat. Product shall be lab tested for 12,000 hours under ASTM B117 salt spray, 120 cycles under SAE J2334 cyclic corrosion test, 2,000 hours under ASTM G154 UV resistance, 2,000 hours under ASTM D2247 humidity resistance, and pass food contact certification US FDA 21 CFR 175.300. INFINIGUARD® coated HVAC units shall carry the CES limited warranty.

For application to condenser coil, evaporator coil, and cabinet of rooftop package unit

Provide INFINIGUARD® anti-corrosion coating applied by a “Caribbean Energy Solutions LLC (CES) Certified Applicator”. HVAC unit condenser coil, evaporator coil, compressors, fans, tubes, structural components, and electrical components shall be coated using INFINIGUARD®. Product shall be a siloxane based two part coating that cures under humidity and heat. Product shall be lab tested for 12,000 hours under ASTM B117 salt spray, 120 cycles under SAE J2334 cyclic corrosion test, 2,000 hours under ASTM G154 UV resistance, 2,000 hours under ASTM D2247 humidity resistance, and pass food contact certification US FDA 21 CFR 175.300. INFINIGUARD® coated HVAC units shall carry the CES limited warranty.

For application to evaporator coil and cabinet of air handler unit

Provide INFINIGUARD® anti-corrosion coating applied by a “Caribbean Energy Solutions LLC (CES) Certified Applicator”. HVAC unit evaporator coil, condensate tray, fans, tubes, structural components, and electrical components shall be coated using INFINIGUARD®. Product shall be a siloxane based two part coating that cures under humidity and heat. Product shall be lab tested for 12,000 hours under ASTM B117 salt spray, 120 cycles under SAE J2334 cyclic corrosion test, 2,000 hours under ASTM G154 UV resistance, 2,000 hours under ASTM D2247 humidity resistance, and pass food contact certification US FDA 21 CFR 175.300. INFINIGUARD® coated HVAC units shall carry the CES limited warranty.

INFINIGUARD

04/30/20
Page 2

For application to evaporator coil of air handler unit

Provide INFINIGUARD® anti-corrosion coating applied by a “Caribbean Energy Solutions LLC (CES) Certified Applicator”. HVAC unit evaporator coil, condensate tray, and electrical components shall be coated using INFINIGUARD®. Product shall be a siloxane based two part coating that cures under humidity and heat. Product shall be lab tested for 12,000 hours under ASTM B117 salt spray, 120 cycles under SAE J2334 cyclic corrosion test, 2,000 hours under ASTM G154 UV resistance, 2,000 hours under ASTM D2247 humidity resistance, and pass food contact certification US FDA 21 CFR 175.300. INFINIGUARD® coated HVAC units shall carry the CES limited warranty.

For application to partial evaporator coil and cabinet of air handler unit (6” on each edge and the bottom of the evaporator coil are coated. This application is used for projects where a smaller, lower profile face area is desired which results in high face velocities and corrosion of the coil is not as great of a concern.)

Provide INFINIGUARD® anti-corrosion coating applied by a “Caribbean Energy Solutions LLC (CES) Certified Applicator”. HVAC unit evaporator coil 6” along edges and bottom, condensate tray, fans, tubes, structural components, and electrical components shall be coated using INFINIGUARD®. Product shall be a siloxane based two part coating that cures under humidity and heat. Product shall be lab tested for 12,000 hours under ASTM B117 salt spray, 120 cycles under SAE J2334 cyclic corrosion test, 2,000 hours under ASTM G154 UV resistance, 2,000 hours under ASTM D2247 humidity resistance, and pass food contact certification US FDA 21 CFR 175.300. INFINIGUARD® coated HVAC units shall carry the CES limited warranty.

For light application to face of leading edge of evaporator coil and cabinet of air handler unit (1”-2” penetration on leading face of evaporator coil and full application 6” on each edge and the bottom of the evaporator coil are coated. This application is used for projects where high face velocities are desired to reduce space and corrosion of the coil is of a concern.)

Provide INFINIGUARD® anti-corrosion coating applied by a “Caribbean Energy Solutions LLC (CES) Certified Applicator”. HVAC unit evaporator coil 1”-2” penetration on leading face and full application 6” along edges and bottom, condensate tray, fans, tubes, structural components, and electrical components shall be coated using INFINIGUARD®. Product shall be a siloxane based two part coating that cures under humidity and heat. Product shall be lab tested for 12,000 hours under ASTM B117 salt spray, 120 cycles under SAE J2334 cyclic corrosion test, 2,000 hours under ASTM G154 UV resistance, 2,000 hours under ASTM D2247 humidity resistance, and pass food contact certification US FDA 21 CFR 175.300. INFINIGUARD® coated HVAC units shall carry the CES limited warranty.

If you have any questions, please do not hesitate to contact us via email at info@infiniguard.com.

Thank you!!!