



2-Coat Protection System for Steel Infill Panels

The good news about carbon steel infill panels is that they are the most robust and cost-effective material available. The bad news is that, without proper protection, they will produce that reddish iron oxide compound known as rust in no time. Stainless steel in either 304 or 316 are available in some patterns, but are far more expensive than carbon steel.

In order to offer the best combination of durability and cost, Hollaender has developed a 2-coat protection system for steel infill panels.

The first or primer coating with a thickness of .6 to .8 mils is a corrosion resistant electrocoat product known as Powercron 8000®. Electrical current is used to deposit the coating in a 4-step process involving pre-treatment, e-coat, post rinse and bake. The final bake process is to temperatures of 365° F for 1 hour.

The key feature of electrocoat is that it covers all surfaces, especially the bottoms of U channels and hems where powder coat cannot go. Immersion in e-coat provides superior corrosion resistance by ensuring a complete protective coating and a consistent coating thickness.

The top or finish coat is TGIC polyester powder, meeting the AAMA 604 specification. This specification ensures that the powder will have special compounds added that are resistant to UV rays in exterior applications, and will maximize color and gloss retention. All AAMA 2604 powders are tested in south Florida to ASTM standards D2244 (color retention), D523 (gloss retention), B117 (salt fog/salt spray resistance).

A variety of colors are available.

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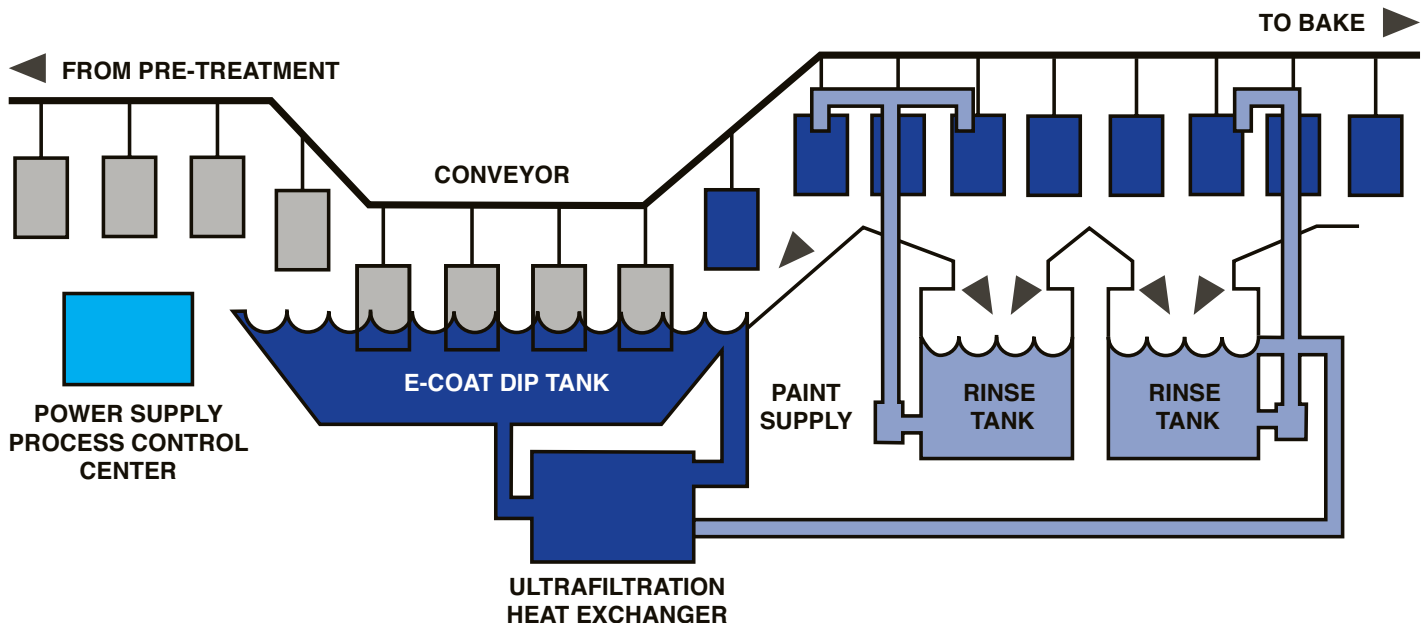




The DuoShield Electrocoat Process



Typical Electrocoat System



The Hollaender Manufacturing Company

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