

## **Paint Grip**

## Tech Brief 17-01

Paint Grip is a "trade name" referring to galvanize steel that has a phosphatized or bonderized coating.

This has traditionally (old school) been accomplished by acid washing the surface with phosphoric acid to etch the zinc, or more currently, by galvannealing which changes the surface metallurgy of the zinc coating rendering a matte uniform grey color.

Today, most major manufacturers have adopted the process of ordering their galvanized steel chem-treat dry and oil free from the mills; along with using water based lubricants throughout the manufacturing process provides a paintable surface.

All that is required from the painting contractor is to wipe the surface with a water soluble detergent (Simple Green) to remove any dirt and grime from shipping and or handling.

The current paint technologies for DTM dryfall latex paints (Direct-To-Metal) combined with our manufacturing and purchasing processes outdates the Paint Grip dogma.

As a testament we have over 20 years of experience with exposed and field painted ductwork without any reported issues or failures.