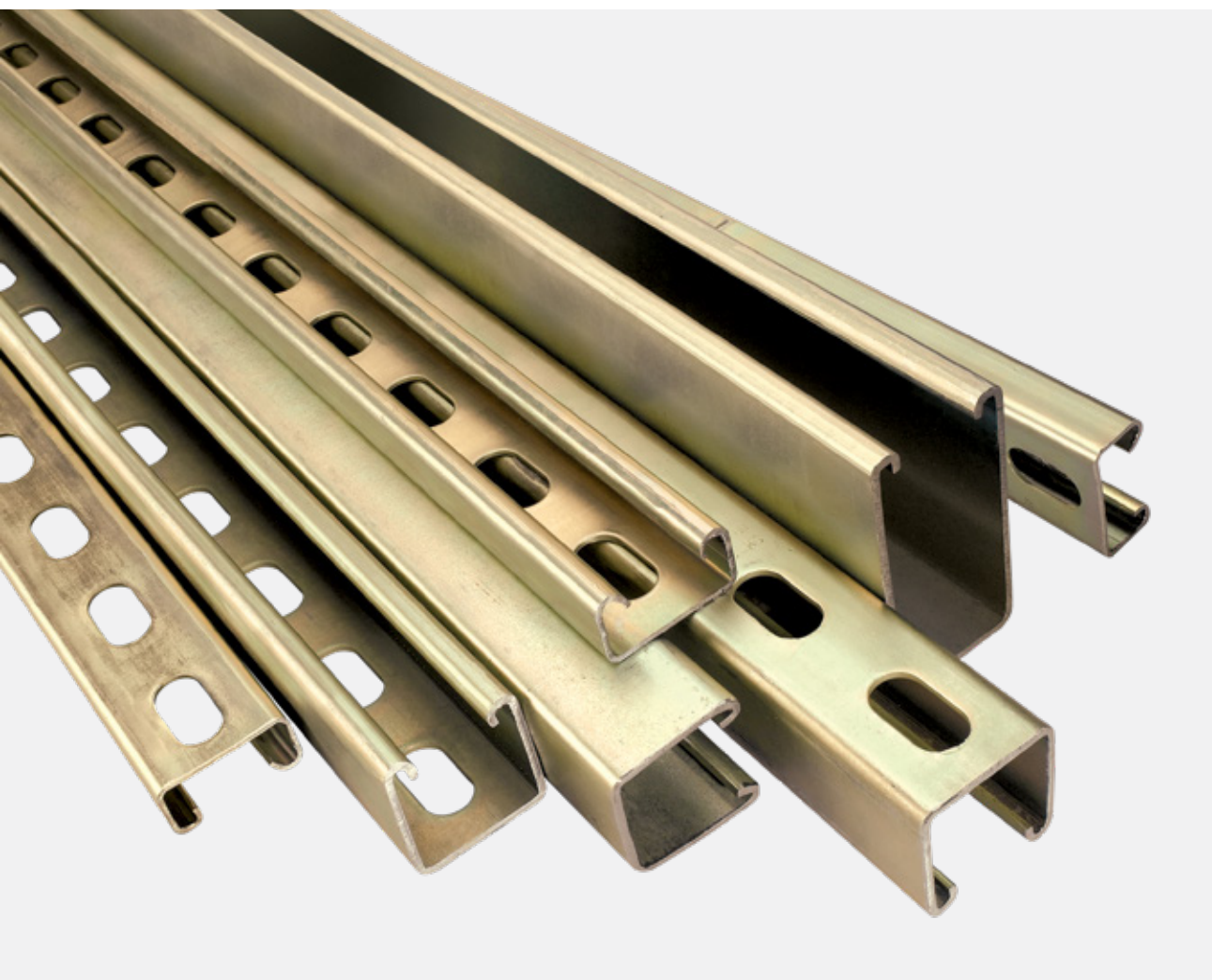

PRODUCT BROCHURE

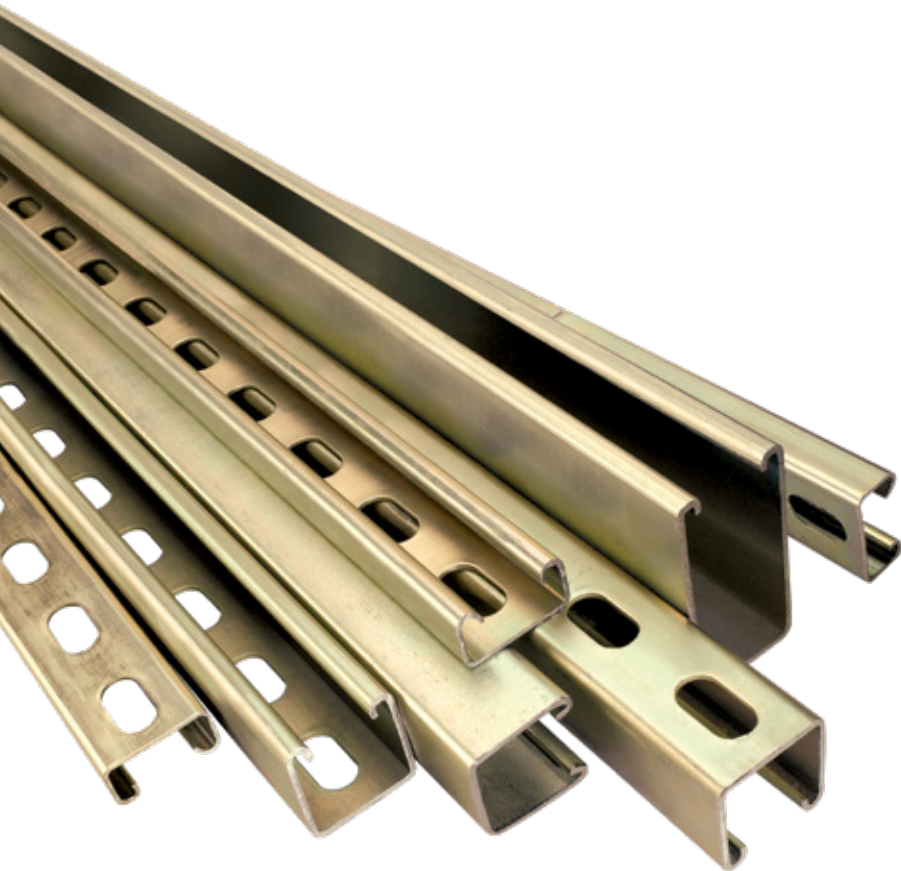
Superstrut[®] GoldGalv[®] **electro-galvanized finish**

UV stable and RoHS compliant



Superstrut® GoldGalv® electro-galvanized finish

Trivalent GoldGalv is UV
stable and RoHS compliant



ABB's trivalent GoldGalv finish is a combination of 0.5 mils electro-plated zinc, plus gold trivalent chromium conversion top coat.

- Gold trivalent chromium finish — The GoldGalv finish features a trivalent chromium formulation that provides all the features and protection of hexavalent chromium (CR VI) without the use of this harsh chemical.
- Trivalent GoldGalv is UV stable — The trivalent GoldGalv finish holds up in direct sunlight. Able to be stored outside, the finish has UV stability and resists fading.
- RoHS compliant — One great feature of the trivalent chromium formulation is RoHS compliance. Because hexavalent chromium is a substance that is restricted by RoHS, moving away from a hexavalent formulation to the trivalent formulation makes the performance of GoldGalv available to customers affected by RoHS, and other standards like RoHS, around the world.
- Trivalent GoldGalv is OSHA safe — This trivalent formulation of GoldGalv does not contain any hexavalent chromium and, therefore, does not fall under the scope of the OSHA standard.
- ASTM B633 specification — The improved GoldGalv finish is applied in compliance with ASTM B633 coating, the same standard as previously used. This standard outlines electro-deposited coatings of zinc on steel.



T-plate connector



Five-hole angle connector



Three-sided angle connector

Superstrut GoldGalv outperforms the competition

GoldGalv provides a level of performance unmatched by the competition.

- Superior corrosion protection — One hallmark of the GoldGalv finish is the superior corrosion protection it provides. In the ASTM B117 salt spray test, the trivalent GoldGalv finish provided improved protection as compared to the previous hexavalent formulation, and substantially more protection than painted finishes or G90 pre-galvanized (see chart on next page). This outstanding corrosion protection means more versatile installations and more service life for GoldGalv finished products.
- Strong abrasion resistance — The GoldGalv finish won't chip or peel like a green painted strut product. It stands up to rough handling.
- Clean finish — GoldGalv ensures a finished product that leaves no residue on your hands. In the GoldGalv process, a zinc finish is applied after fabrication. As a result, all of the oil and grime that accumulates during manufacturing gets thoroughly cleaned off during the plating process.
- Paintable surface — The GoldGalv finish provides a non-porous and non-crystalline surface. Not only does this feature provide enhanced corrosion protection, but also provides an excellent bond for the paint of your choice.
- No more white rust — With pre-galvanized struts, a common quality issue is the formation of white rust on the zinc finish. With GoldGalv, the trivalent chromium finish is applied over the zinc to seal it and stop the formation of white rust.
- Punched holes and cut ends are protected — Unlike a pre-galvanized finish where steel holes and cuts have no corrosion protection, GoldGalv protects every portion of the strut. Because the finish is applied after fabrication, all punched holes and cut ends share a consistent quality with the rest of the material. Even after cutting and fabricating, GoldGalv will continue to protect with its sacrificial zinc process.

Complete offering of GoldGalv fittings and accessories

Mismatched strut assemblies are a thing of the past with Superstrut GoldGalv. With a complete line of channel, hardware, fittings, hangers and pipe straps, all components have the same electrogalvanized finish for consistent performance and uniform aesthetics.



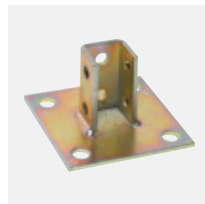
Cobra®



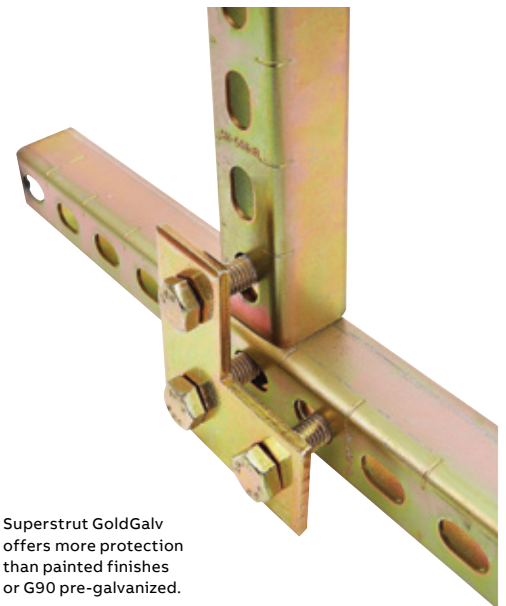
Trapnut®



Trap-Eze™



Post base connector

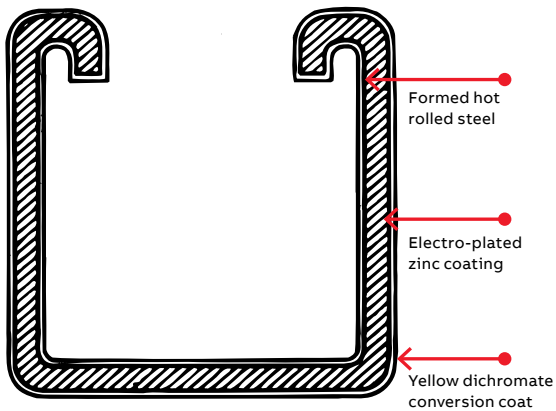
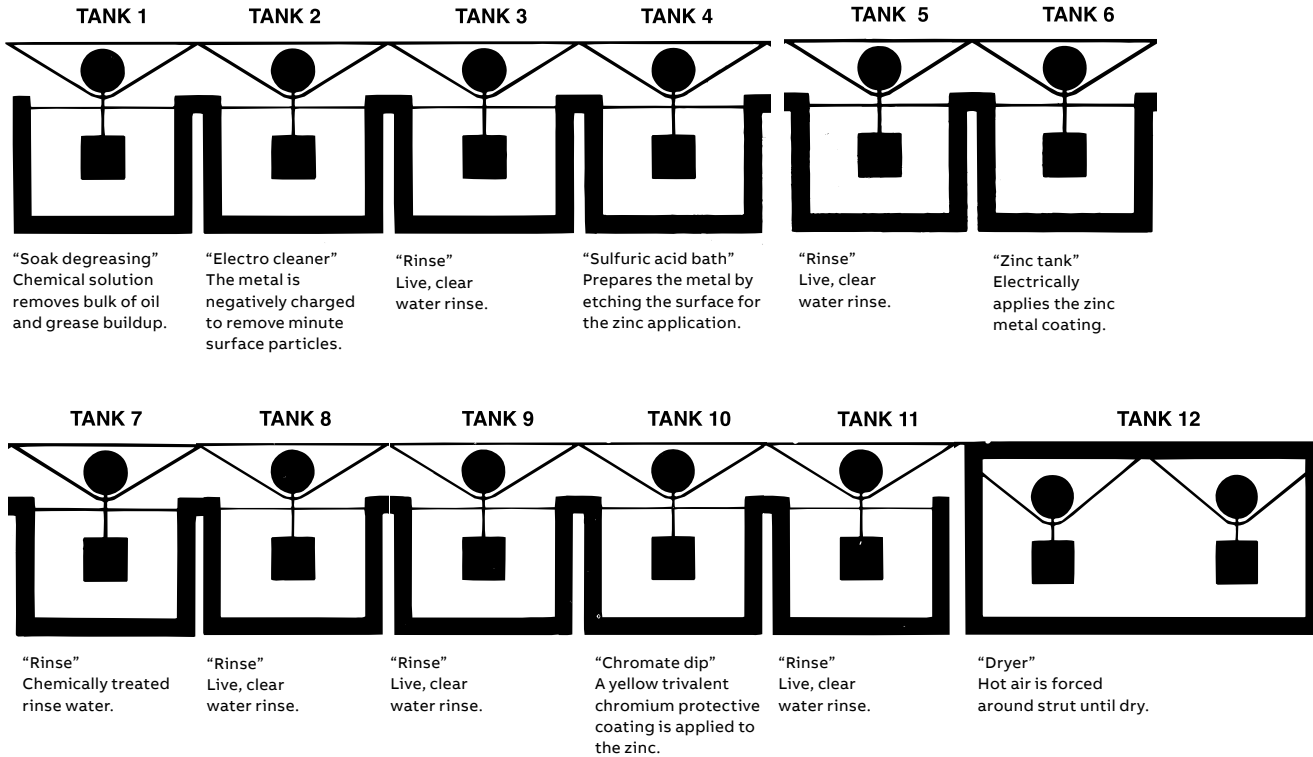


Superstrut GoldGalv offers more protection than painted finishes or G90 pre-galvanized.

Superstrut GoldGalv plating process

The standard GoldGalv finish is made up of a multi-step electrogalvanizing and zinc dichromate process. The trivalent chromium finish is applied over the zinc, producing a chemically bonded non-porous barrier for protection from moisture and

air. The 0.5 mil electro-plated zinc and gold trivalent chromium finish provide all of the features and protection of hexavalent chromium without the use of the chemical.



Metal framing channel finish
Corrosion-resistant testing, ASTM B117

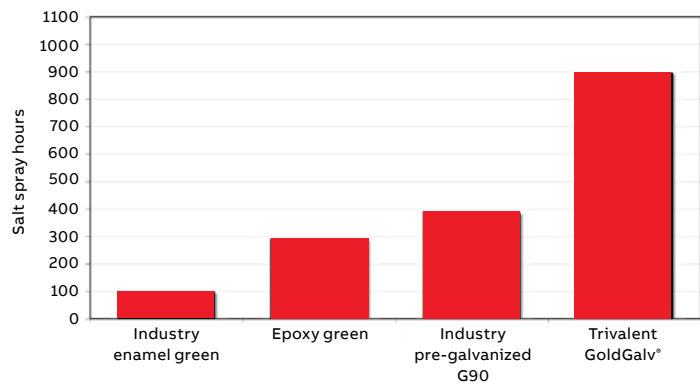


ABB Inc.
Electrification Products
860 Ridge Lake Blvd.
Memphis, TN 38120
Customer Service: 800-816-7809
Technical Support: 888-862-3289

abb.com/lowvoltage

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB Inc. does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction or utilization of its contents – in whole or in parts – is forbidden without prior written consent of ABB Inc.
Copyright © 2018 ABB
All rights reserved