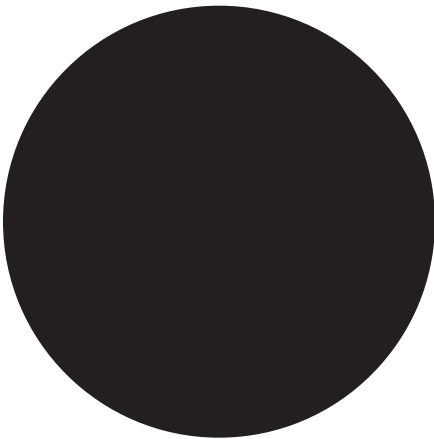


POWER-STRUT® Power-Green™ coating

What it does...

Power-Strut's Power-Green far exceeds the corrosion protection of conventional finishes. And compared to competitive "high-performance" coatings, Power-Green provides superior resistance to chalking, checking, and fading and is far less vulnerable to common acidic atmospheres, solvents and alkalis.



What it doesn't do...

Just as important, Power-Green is the result of an environmentally neutral process that virtually eliminates the toxic metals commonly found in competitive paint-based finishes. The special baked-acrylic finish does away with undesirable "heavy metals" and does not outgas in service as do other paint finishes, thus preventing introduction of airborne trace contaminants.

Data

Cleaning Method.

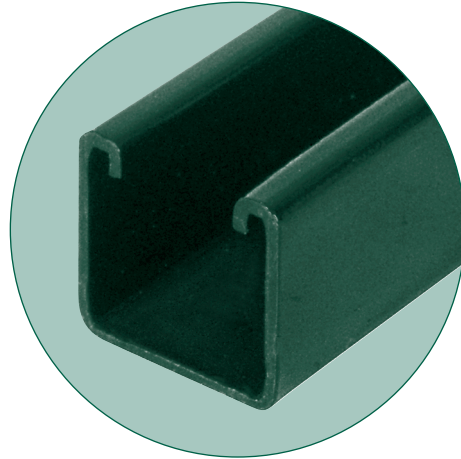
Channel and parts are carefully and thoroughly cleaned in a system designed specifically for Power-Strut products — the first step necessary for paint adhesion.

Phosphate Coating.

After cleaning, material is phosphated. Phosphating converts the steel surface to a non-metallic phosphate coating, adapted to inhibiting corrosion and increasing the adhesion and resultant durability of the paint finish (Federal Specification No. TT-C-490 Type I or II).

Painting Method.

Immediately after phosphating, a uniform coat of a modified acrylic paint containing highly effective rust inhibiting pigments is applied by electrodeposition and baked until completely cured. The electrodeposition process is superior to all others in its ability to apply a uniform



thickness of film to the entire surface, including edges, holes, etc.

Paint Color.

Color conforms to Federal Standard 595-a, color number 14109 (Dark Limit V-).

Durability Standards.

Film Thickness – .0006" to .0009"	ASTM test Method D1186
Hardness – H to 2H	D3363
Cross Hatch Adhesion – No Flaking	D3359
Solvent Resistance – 100 Double Rubs	
Humidity Resistance – 1000 hours	D2247
Salt Spray Resistance – 400 hours scribed, 600 hours unscribed	B117

Note:

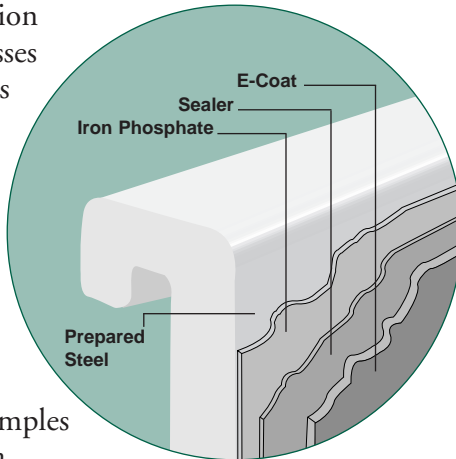
"Power-Green" finish may be field painted. Please consult with your local Power-Strut Representative for further information.

POWER-GREEN™

The Power-Green™ process

Power-Strut® Power-Green is a factory-applied, electrodeposition acrylic coating with superior rust protection and fade-resistance. The acrylic coating is a proprietary formulation that provides a smooth, hard, durable surface.

Before the electrodeposition acrylic coating is applied, Power-Strut channel and fittings are thoroughly cleaned and coated with iron phosphate conversion coating. Power-Strut's unique, custom-designed "prep" process consists of eight separate steps, the most thorough in the industry. The cleaning, phosphating and electrodeposition coating processes are continuous and, unlike "batch" processing, result in a uniform quality coating.



Production samples are tested on a continuous basis for corrosion resistance. Power-Strut Power-Green exceeds 400 hours salt spray (1/8" creep from scribe) when tested to ASTM B117. Unscribed samples exceed 600 hours salt spray.

tyco / *Flow Control* / **Allied Support**

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ATC-L-1578-1

You'll love it for what it does...

...and for what it doesn't do.