

poligon® Finish Options

Poligon offers four finish options to enhance and preserve your steel open air structure:

- > **Poli-5000® Powder Coat**
- > **Galvanized**
- > **Antiquity**
- > **Powder Coat over Galvanized**

Each finish option offers a unique combination of color, style, and corrosion protection that is tailored to your site location and the demanding elements it needs to withstand.



- > **Poli-5000® Powder Coat** - The most durable powder coat finish system in the industry. Steel is shot blasted to a near white condition, given a phosphate wash, coated with an epoxy primer, and then followed with a coat of polyester TGIC powder formulated for maximum UV protection, adhesion, and fade resistance. The Poligon Poli-5000 process is a completely in-house system and is available in a wide range of smooth, textured, and metallic colors.

Additional benefits include:

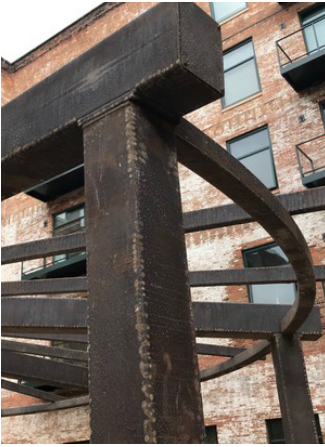
- Higher surface hardness/scratch resistance than common liquid coatings
- Reduced chance of damage to coating during installation
- High resistance to cleaners and chemicals
- High resistance to wind-borne abrasives
- Certified by the Powder Coating Institute as PCI-4000®



- > **Galvanized** - A basic, long-accepted method of protecting steel from corrosion, galvanizing is the process of coating steel with zinc using a hot bath process. Galvanizing is considered the best corrosion protection process available for steel components and is commonly used where exposure to salt air is anticipated. The galvanizing process results in a random, spangled finish that can also have alternating areas of haze and sheen.

Additional benefits include:

- The zinc finish causes a cathodic process, protecting the steel substrate
- The zinc corrodes very slowly giving long lasting protection
- The complete dip coverage of zinc gives 100% protection of steel components
- Extremely durable, with little or no maintenance required
- The best and toughest protection available



- > **Antiquity** - A Poligon finish that creates the look of time-weathered steel. Antiquity is a finish system that combines hot dip galvanizing, the best means of corrosion protection, with a secondary stain etching process that results in a varied rustic brown color. A shelter protected with the Antiquity finish will not appear new but rather as one that has been in place for decades.

Additional benefits include:

- Antiquity process uses no resins or color solids, therefore color will not fade
- While components appear as corroded, no long-term staining of site elements will occur
- The finish creates a unique, permanent, earth tone color that blends naturally
- The galvanized layer is not compromised
- As an etching process, the Antiquity finish has little vulnerability to abrasion or wear



- > **Powder Coat over Galvanized** - The combination of hot dip galvanizing with TGIC powder coating combines the ultimate corrosion protection with the color selection of super-durable powder coating. This long-sought combination has been difficult to successfully achieve but a new proprietary process is now making this finish combination available. Due to the galvanizing process, there will be noticeable texture areas in the final powder coat finish.

Additional benefits include:

- All of the powder coat and galvanized benefits combined together
- Longer lasting than any other finish alone - "synergistic effect"
- Powder coat layer acts as a barrier to protect the galvanized layer
- Galvanized layer prevents moisture from getting under powder coat layer
- Largest selection of powder coat colors and textures for finished look

Please contact us to request a finish sample or to learn more about our processes and which one would best suit your next project.

**Colors and finishes can also be viewed online at:
<https://poligon.com/applications/steel/shelter-options>**



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