Poli-5000® Certified Frame Colors

The most durable frame finish available in the industry
Poli-5000 Super-Durable TGIC powder coat offers excellent outdoor durability and fade resistance to our steel shelter frames. It is tough, resilient, and will withstand harsh environments while retaining it's smooth, high-gloss or textured finish for years to come.

*** Colors represented with an asterisk (*) are also available in a texture finish**

Kynar-500® Certified Roof Colors

Providing protection against weathering to extend the life of your roof
Kynar-500® PVDF resin-based coatings offer excellent protection to our metal roofs. The high-performance fluoropolymer resin, with it's extraordinary capability to retain color and gloss, keeps your painted metal roof looking vibrant and appealing.

This color chart is not for print. All colors are an approximate match. Please contact us for a true color sample.

Frame & Roof Finish Technical Data

Poli-5000® Frame Finish

Excellent Durability

- 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

Superior Exterior Performance

- High resistance to acid rain and corrosive atmospheres
- Meets ASTM B 117 / ASTM D 1654 - 5,000 hours of salt spray testing
- High resistance to chalking
- High resistance to film coating erosion
- Excellent color and gloss retention

Kynar-500® Roof Finish

This high performance fluoropolymer resin withstands the rigors of nature and time with it's extraordinary capability to retain color and gloss. Noted by architects around the world, our Kynar-500® coated roofs will keep your shelter looking it's best for years to come.

Technical Notes

- **Custom colors are available for frames.**

Such colors may incur an up charge, require extended lead times, and have minimum order requirements.

PCI-4000® Certified

We are certified by the Powder Coating Institute as PCI-4000®. This means that we ensure all of our products are produced with a high quality powder coated frame. As a certified coater, we have developed a methodology to continually improve and enhance our powder coating process, giving you the best product available on the market.

Poli-5000® Durability & Longevity Testing		
Test Description	Test Method	Poli-5000® Results
Salt Spray Resistance	ASTM B 117 / ASTM D 1654 Method 2 (No Scraping)	5,000 hours, no creep from scribe line, rating of 10
Humidity	ASTM D2247-02	3,000 hours with no loss of adhesion or blistering
UV Light Resistance	ASTM G154-04 - 2,000 hours of exposure. Alternate cycles (4 hours UVA and 4 hours condensation)	A) No chalking B) 75% color retention C) Color variation - max 3.0 E variation CIE formula (before and after 2,000 hours of exposure)
Stain Resistance	ASTM D1308-02e1 24 hours exposure with 10% concentration	No stain from the following: Mustard, Tannic Acid, Ketchup, Citric Acid, Coffee, Tartaric Acid, Cola, Oleic Acid, Lactic Acid, Orange Juice
Scratch Resistance	Hoffman Scratch Hardness Tester	No substrate appearance with 1,000 gram load
Adhesion	ASTM D3359-02	ASTM Class 4B rating or better
Impact Resistance	ASTM D2794-93	100 in-lbs. without cracking
Hardness	ASTM D3363-92a	2H min. - no indentation
Flexibility	ASTM D522-93a	1/8" no cracking or loss of adhesion at bend
Abrasion	Taber abraser CS10 Wheel (1,000 mg load)	14 mg. max weight loss per cycle
Solvent Resis-tance	50+ MEK rubs	Minimal to no dulling or color removal

poligon®

4240 136th Avenue • Holland, MI 49424 • 844.748.9698

www.poligon.com