

poligon<sup>®</sup>  
PARK ARCHITECTURE





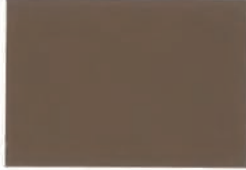







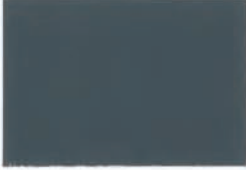
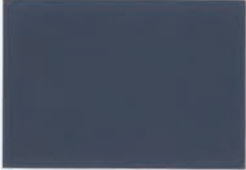













frame and roof  
**colors**

# 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.

				
Glacier White	Almond	Surrey Beige	Canvas Taupe	Coastal Khaki
				
Suede	Barkwood	Tudor Brown	Patrician Bronze	Terracotta
				
Pomegranate	Canterbury	Olive Tree	Hunter Green	Mountain Spruce
				
Sherwood Forest	Niagara River	Harbor Blue	Atlantic Blue	Ash Gray
				
Fox Hollow Gray	Greystone	Slate	Bumper Black	
				
Glacier White Texture*	Surrey Beige Texture*	Tudor Brown Texture*	Terracotta Texture*	Olive Tree Texture*
				
Hunter Green Texture*	Harbor Blue Texture*	Ash Gray Texture*	Greystone Texture*	Bumper Black Texture*

\* Textured finishes represented with an asterik (\*) are available with a slight upcharge.  
 Note: Please request actual color samples from the factory before making final color choices.  
 This is a lab prepared color standard. A degree of variation may occur on production line coatings.

# 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 its extraordinary capability to retain color and gloss, keeps your painted metal roof looking vibrant and appealing.



Regal White



Bone White



Sandstone



Almond



Surrey Beige



Medium Bronze



Tudor Brown



Mansard Brown



Patrician Bronze



Dark Bronze



Matte Black



Brite Red



Colonial Red



Brandywine



Patina Green



Evergreen



Hartford Green



Roman Blue



Regal Blue



Galvalume Plus



Ash Gray



Slate Gray



Charcoal



Silver Metallic\*

## Roof Profile Options

Multi-Rib 

Standing Seam 

Mega-Rib 



Copper Penny\*

\* Premium colors represented with an asterik (\*) are available with a slight upcharge.

Note: Please request actual color samples from the factory before making final color choices. This is a lab prepared color standard. A degree of variation may occur on production line coatings.

# 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 and roofs. Such colors may incur an up charge, require extended lead times, and have minimum order requirements.
- Custom roof colors may not be Kynar-500®. Consult with the factory for details.

## 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 Resistance	50+ MEK rubs	Minimal to no dulling or color removal

## Let's Get In Touch

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On Our Web Site

Visit our extensive website to find everything you need. Anytime. CAD Drawings, CSI Specs, material and color options, product brochures, photos, technical information, etc. You can also email us at [info@poligon.com](mailto:info@poligon.com)

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