

Z-SERIES™

THERMOSET POWDER COATINGS

Buildings and architectural parts require strong foundations, excellent durability, and protection against harsh outdoor corrosion and environmental factors. Z-SERIES™ is a patented thermoset powder coating solution formulated to endure the test of time and the elements. It is well suited to withstand harsh levels of UV radiation, inconsistent degrees of humidity, temperature variations, and other severe weather conditions.



OVERVIEW

How does it work?

Z-SERIES™ is formulated as a super durable polyester resin system, incorporating higher-grade pigments and stabilizers with outstanding exterior durability.

Main Features

- High-grade formulation mixed to withstand harsh environmental elements.
- 10-year limited warranty available.
- Excellent color and gloss retention.
- Excellent resistance to humidity, corrosion, and UV.
- Can be formulated to adhere to most building standards.
- Can be formulated with some Protech Group coatings.

TYPICAL APPLICATIONS

Architectural

- Windows & doors
- Facades
- Curtain walling
- Sanitation
- Roofing

Commercial & industrial

- Street furniture
- Lighting

Transportation

Rails & trains, commercial & passenger vehicles

COLOR OPTIONS

Stock colors

Select one of the many stock colors that are readily available for processing.

Color reference chart

Get inspired from a broad range of standard colors. Request a RAL fan deck or ask one of our experts.

Custom formulations

Talk to your coating expert regarding custom formulations to fit your exact needs.

SUPPORT

Compliance

Z-SERIES™ can be formulated to be compliant with certain guidelines. Ask our experts which certification or accreditation is available in your area.

Care & maintenance

Z-SERIES™ is the ideal choice for the long-term protection of architectural projects. To ensure the life of your asset is maximized, and to comply with the Protech Group warranty requirements, a simple and regular maintenance program should be implemented.

Troubleshooting

We stand by our products, even when things don't go quite as planned. From cleaning and phosphating all the way to the final cured film appearance, we are here to help address your concerns with proven solutions.

Contact our experts for tailored support.

PROVEN PERFORMANCE

AAMA 2604 REQUIREMENTS	RESULTS
Color Retention* Gloss Retention*	$\Delta E <5$ >50%
Adhesion	Pass
Pencil Hardness	F No Film Rupture
Impact Resistance 16 mm ball	Pass No Removal
Falling Sand Abrasion 40 liters	Pass
Sealant Compatibility	Pass No Film Damage
Modified Salt Spray Resistance 2 000 hours	Pass < 2mm creepage
Humidity Resistance 4 000 hours	Pass
Muriatic Acid Resistance	No Blisters No Change in Appearance
Mortar Resistance	Pass
Boiling Water Resistance	Pass
Detergent Resistance 72 hours at 100°F (37°C)	No Blisters No Change in Appearance
Nitric Acid Resistance Fumes 30 minutes	Maximum Change 5 ΔE

FORMULATING THE RIGHT MIX.

Since 1976, the Protech Group has been developing and manufacturing coatings, paints, and specialty materials. Through quality and innovation, we formulate the right mix to protect and enhance what matters most to our customers. Protech Group products are manufactured in more than 20 sites worldwide. We serve our customers in countless markets and industries, including construction, infrastructure, transportation, consumer goods, and healthcare.



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