

E-BOND™

THERMOSET POWDER COATINGS



E-BOND™ powder coatings offer a stunning variety of metallic finishes in diverse colors and textures.

Engineered for consistency, the E-BOND™ line delivers uniform finishes across a spectrum of metallics, and provides a cost-effective alternative to chrome plating.





How does it **work**?

E-BOND™ powder coatings offer a premium metallic effect, ensuring a consistent appearance from batch to batch. They provide a wide selection of finishes and textures, and are compatible with a variety of application equipment.

E-BOND™ incorporates metallic pigments, including aluminum, to achieve a distinctive finish, and a bonded formula ensuring easy application.

Main Features

- Premium metallic finish
- Consistent batch to batch appearance
- Reduced gun-blocking and picture framing
- Excellent over-spray reclamation
- Wide choice of appearance capabilities
- Compatible with wide variety of application equipment
- Excellent hardness and stain resistance
- Bonded formula for easy application
- Indoor or outdoor use



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 that correspond with your exact needs.

SUPPORT

Care & maintenance

To ensure the life of your asset is maximized, a simple and regular maintenance program should be implemented.

Contact our experts for specific cleaning tips and advice.

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 issues with proven solutions.

Contact our experts for tailored support.

PROVEN PERFORMANCE

PRE-TREATMENT	For steel and Aluminum-Phosphating or Zirconium or other suitable surface treatment
APPLICATION CONDITIONS	Electrostatic powder spray 40 to 120 kv
FILM THICKNESS	For normal usage 1.5 to 4.0 mils (Color and finish type related)
HARDNESS	HB to 4H (Formulation related)
SPECIFIC GRAVITY	1.2 to 1.75 (Color related)
COVERAGE	160 to 110 ft ² / lbs / mil at 100% efficiency (Color related)
BAKING SCHEDULE	METAL TEMPERATURE (Formulation related) 8-10 minutes at 280°F (138°C) Super low temperature cure 8-10 minutes at 320°F (160°C) Low temperature cure 2-6 minutes at 400 (205°C) Fast cure 7 minutes at 400°F (205°C) Regular cure 8+ minutes at 400F (205°C) Slow cure

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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