

VELVACOAT™

THERMOSET POWDER COATINGS



VELVACOAT™ powder coatings offer a luxurious, soft-touch finish that enhances the tactile experience of surfaces. Ideal for premium products, it provides exceptional durability, corrosion resistance, and long-lasting protection. Made with a polyester-based formulation, VELVACOAT™ ensures outstanding performance and visual appeal. Its innovative technology creates a velvet-like feel and can be applied over any base color, allowing for creative expression with a wide range of vibrant and subtle shades.



OVERVIEW

Soft-Touch Thermoset Powder Coatings .

VELVACOAT™ offers an exceptional finish for various high-design items, including furniture, window frames, store fixtures, patio furniture, bike frames, and bottles. This coating is reclaimable, safe, and environmentally friendly. Additionally, it is supported by the technical expertise and service excellence that distinguishes Protech from other powder coating manufacturers.

MAIN FEATURES

- **Luxurious Velvet Feel** – Elevates product value with a soft, high-end touch.
- **Sunlight-Enhanced Appearance** – Shimmering, reflective finish under light.
- **Excellent Durability** – Resists scratches, corrosion, and UV damage.
- **Easy to Clean** – Repels dirt, smudges, and fingerprints for lasting freshness.
- **Versatile Use** – Adapts to various materials and indoor/outdoor styles.
- **Non-Tarnish Metallic Option** – The E-BOND finish remains vibrant over time.
- **Broad Color Range** – Includes matte and metallic finishes.
- **Over-Bake Resistant** – Maintains look and performance at high cure temps.
- **One-Coat Application** – Streamlines the coating process.

TYPICAL APPLICATIONS

- **Consumer Electronics** – Smartphone cases, remote controls, game controllers, wireless speakers
- **Appliances & Home Goods** – Oven handles, washing machine knobs, coffee makers, air purifiers
- **Furniture & Lighting** – Chair frames, lamp stands, shelving units
- **Sports & Fitness Equipment** – Dumbbell handles, treadmill panels, bicycle frames
- **Retail & Luxury Packaging** – Cosmetic cases, premium product boxes, display fixtures



OUR SOLUTIONS

We offer advanced, soft-touch thermoset coatings for a diverse range of applications. If your specific need isn't listed, feel free to contact us—we're here to help.

TECHNICAL PROPERTIES

Essential technical details are outlined below. Full Technical Data Sheet (TDS) available upon request.

PRETREATMENT	For steel and Aluminum-Phosphating, Zirconium or other suitable surface treatment
APPLICATION CONDITIONS	Electrostatic powder spray 40 to 120 kilovolt
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.



info@theprotectechgroup.com
www.theprotectechgroup.com
1-800-361-9364



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