

CLONECOAT™

POWDER COATINGS

Discover CLONECOAT™ by Protech Group, a specialized line of in-mold powder coatings designed to elevate sheet molding compound (SMC). These powders boast impressive hardness and exceptional chemical resistance, serving both as reliable primers and topcoats. What makes CLONECOAT™ stand out is its unique capability to effortlessly take on the shapes and textures of any molding tool, unlocking a world of creative design options for SMC applications.



OVERVIEW

The in-mold powder coating solution

CLONECOAT™ creates an unbreakable chemical bond with SMC, ensuring exceptional durability and resistance. What's even better? It saves costs

by enhancing the visual, physical, and chemical properties of the SMC's surface without coating the entire compound.

Main Features

- Exceptional hardness (4H)
- Unrivaled chemical, scratch, stain, and graffiti resistance
- Clones any molding tool, whether smooth or textured
- Superior outdoor durability, featuring excellent water and UV resistance
- Achieves complete coverage of complex shapes
- Eliminates the need for post-painting operations
- Seals pores and isolates fibers during the molding step
- Effective as a primer or finished top coat
- Creates a homogeneous surface as the powder chemically reacts with the SMC

TYPICAL APPLICATIONS

Consumer goods & appliances

- recreational items
- electronics
- medical devices

Transportation

- Interior components
- Interior air & rail cabins
- Marine

SUPPORT

Compliance

CLONECOAT™ can be formulated to be compliant with certain guidelines. Ask our experts to see what different types of compliance, certification, or accreditation is available in your area.

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.

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.

Care & maintenance

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

PROVEN PERFORMANCE

PROPERTIES	CHARACTERISTICS	TEST	RESULT
SPECIFIC GRAVITY 1.3 to 1.7 (depending on color)	PENCIL SCRATCH HARDNESS	ASTM D3363	3H-4H
GEL TIME 15 to 45 seconds	TABER ABRASION (CS-10 wheels, 1000g load, mg weight loss)	ASTM D4060	27
CURE TIME 3 minutes at 150° C (300 ° F)	CROSS-HATCH ADHESION	ASTM D3359	5B
FILM THICKNESS 3 to 6 mils	IMPACT Inch.lb	ASTM D2794	40
STORAGE STABILITY 6 months at max temperature of 18° C (65 ° F)			





FORMULATING THE RIGHT MIX.

For more than 45 years, 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. The Protech Group products are manufactured in more than 20 sites worldwide. We serve our customers in countless markets and industries.



PROTECH
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READY TO COAT?

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