

X-GRAF®

THERMOSET POWDER COATINGS



While graffiti is often considered to be a mere nuisance, repeated graffiti removal can result in considerable long-term damage to the substrate and exorbitant cleaning or reconstruction costs year after year.

X-GRAF® is a patented thermoset powder coating solution used to produce surface finishes which, when the proper cleaning technology is used, are nearly immune to all types of graffiti.



PROTECH
— GROUP —

OVERVIEW

How does it work?

The polyurethane-based coating has been designed to withstand numerous clean-ups, and its appearance will be virtually unaltered, even after the use of a chemical cleaner.

The increased toughness of X-GRAF® also offers a high-level of scratch and abrasion resistance, making it an ideal coating for any article subject to graffiti damage.

Main Features

- Easy-to-clean properties to protect surfaces from the permanent effects of spray paint and markers.
- Good weatherability for outdoor use.
- Scratch and chemical resistance.
- Smooth, relatively non-porous and homogeneous end-finish.
- Can be formulated with most Protech Group coatings.

TYPICAL APPLICATIONS

Architectural

- Windows & doors
- Facades
- Curtain walling
- Fencing & railing

Transportation

- Rails & trains
- Passenger vehicles
- Commercial vehicles & fleets

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

X-GRAF® can be formulated to be compliant with certain guidelines. Ask our experts which certification or accreditation is available in your area.

Care & Maintenance

X-GRAF® coated surfaces may be cleaned with a variety of solvents, depending on the type of graffiti.

Contact our experts for specific tips and cleaning advice.

Solvents should be used sparingly and in conjunction with the manufacturer’s instructions. It is recommended that after solvent-based graffiti removal, the surface be washed with a mild detergent solution to remove solvent residues.

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 ft² / 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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