



PROTECH
— GROUP —

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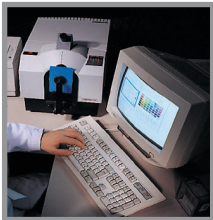
The Protech Group



The Protech Group is one of the world's largest producers of powder coatings - both thermoset and thermoplastics. With manufacturing facilities and licensees throughout the world, the Protech/Oxyplast brands are one of the most recognizable within the coatings market. Over the years, this brand has grown to represent a quality product backed by an unsurpassed dedication to customer service and a strong commitment to research and development. Protech continues to expand its product lines and constantly strives to provide the service that its customers have grown to expect.



Montreal, QC



Innovation

Protech's continued success in the powder coating industry is the result of hard work, technical expertise and exceptional creativity. With first class know-how and the latest in laboratory technology, our powder experts excel in engineering the best possible finish for each application. We develop and produce powders in all chemical systems and in every color and texture imaginable.

Protech's innovation in new applications is constantly evolving. Aspects of our powder coatings add extended life and durability to our customers' products. These features include high heat resistance, corrosion resistance, hardness, flexibility, crimpability, and chemical resistance, to name but a few. Whether simply matching a color and texture, or developing the most complex of powders, Protech stands at the forefront of powder coating technology.



Quality

A quality product is the ultimate goal and the key to success for Protech. We produce the highest quality powder coatings in the industry and our excellent batch-to-batch reproducibility ensures consistency in quality, properties and application—time after time.

Ongoing investments in equipment help guarantee optimal processing quality. Our extrusion parameters are tailored to suit each formulation and particle size is precisely controlled for consistent application. Testing is done at every step of the process to guarantee the quality our customers have grown to expect. Every Protech product is an excellent product and our commitment to quality is demonstrated by our ISO certification.



Service

Service is the hallmark on which Protech's excellent reputation is built. Our production facilities are designed to handle everything from the largest industrial quantities to the smallest of orders. With a wide network of warehousing and distribution, Protech customers can count on quick delivery of stock items, as well as blanket and custom orders. Rapid product development and color matching keep our customers a step ahead of their competitors.

Forging alliances with partners in new market sectors, Protech consistently works toward the development of new applications for powder coatings.





AG-KOTE™

- Anti-gassing properties over porous substrates
- Low temperature cure
- Excellent chemical, stain and scratch resistance
- Superb spraying properties

- Outstanding corrosion resistance and UV protection
- Cost and energy savings due to decrease in oven temperatures
- Ideal for galvanized steel, cast iron and aluminum.



CLONECOAT™

- Forms a complete bond with SMC substrate
- Outstanding chemical, scratch, stain, graffiti resistance and hardness
- Clones any molding tool (smooth to textured)
- Superior outdoor durability with excellent water and UV resistance

- Eliminates post-painting operation
- Seals pores and isolates fibers in the molding step
- Effective as a primer or finished top coat
- Homogeneous surface produced as powder reacts chemically to the SMC
- No ovens needed as powder is cured in the mold



CURVECOAT™

- Allows post bending without cracking or chipping
- Dramatically reduces material handling issues
- Lowers transport and packaging costs

- Ideal for precision sheet metal, rebar, metal cans, wall panels, sprinkler tubes and coils and springs
- Protech proprietary technology



E-BOND™

- Optimum metallic effects
- Consistent batch to batch appearance
- Excellent application characteristics with reduced gun-blocking and picture framing

- Greater reclamation of over sprayed powder
- Improved safety characteristics during application process
- Protech proprietary technology
- Widest range of metallic finishes



EF-SERIES™

- Superior resistance to cathodic disbondment and delamination
- Ideal as one coat pipe protection or base for three coat application
- Highly flexible
- Excellent adhesion to steel and other potentially oily metallic substrates

- Ideal application for concrete reinforcing bars and pipes
- Meets ASTM A-775
- Approved by the U.S. Federal Highway Administration for the protective covering of shot blasted bars
- Inert coatings compliant with global regulatory agencies (eg FDA) requirements for direct contact
- Consistent smooth 360 ° finish



HELIOCOAT®

- Range of formulations for requirements up to 1100°F (593°C)
- Available in outdoor formulation

- Formulations for continuous heat applications such as baseboard heaters
- Outstanding color and gloss stability
- Excellent corrosion and impact resistance



NANOFOIL®

- Unique formulations and manufacturing processes yield a remarkably ultra-thin powder
- Powders able to be sprayed at between 0.80 mils and 1 mil
- Superb transfer efficiency and excellent, consistent smooth appearance

- Provides time, energy and space savings as well as lower transportation costs
- Environmental benefits as less packaging and less disposal required
- Excellent durability and chemical resistance



NUVOCOAT®

- Energy savings
 - UV curing
 - significantly faster curing times
- Time savings
 - shorter oven dwell period
 - no cooling down stage required
 - less sanding needed for MDF products
 - only single layer of application required

- Space savings
 - less floor space required
- Ability to coat heat sensitive substrates and temperature-sensitive pre-assembled products
- Adaptable to three-dimensional objects
- Superb edge coverage (MDF)
- Produces very durable finish
- High chemical resistance
- Suitable for multi material parts



PERMASLIP®

- Extremely low-coefficient of friction allows interlocking or meshing products to slide effortlessly
- Extremely durable and chip resistant
- Excellent chemical, stain, and scratch resistance
- Ideal application for shopping carts, drawer slides, earth-moving machinery and snow removal equipment



SOL-AR™

- Architectural powder coatings formulated with fluoropolymer resins ensuring outstanding weather performance and excellent resistance to UV light
- Meet the requirements of AAMA specification 2605
- Available with a ten-year guarantee
- Do not require a primer
- Superb abrasion, corrosion and mar resistance
- Ideal application for railings and other heavy traffic areas



STERILCOAT-AM®

- Kills over 99.99% of surface microbes
- Inhibits the growth of dangerous bacteria, mold, mildew and fungi
- Provides protection over an extended period of time
- Reacts to an increase in humidity by releasing more silver ions
- Retains anti-microbial properties even after repeated washings
- Can be formulated for exterior durability
- Outstanding durability



THERMOLAM™

- One coat application process
- Compatible with conventional powder application systems
- Wide choice of appearance capabilities
- Less sanding required for MDF products
- Significant energy, time and space savings
- Low temperature cure permits wide range of wood substrates to be powder coated
- Design friendly--provides excellent edge coverage on conventional and multi-faceted pieces



VELVACOAT™

- Soft-touch feel
- Available in a non-tarnish e-bond metallic
- Superior over-bake resistance
- Unique "reflective" appearance
- Ideal for store fixtures, bike frames, patio furniture, bottles, automotive wheels, design furniture and aluminum extrusions



X-GRAF®

- Formulated to allow graffiti to be easily removed using commercially available solvents.
- Excellent stain resistance and extremely durable
- Outstanding corrosion resistance and weatherability
- Ideal for mail boxes, traffic signs and high visibility signs, telephone switching gear, playground equipment, bus shelters, lockers and bathroom partitions



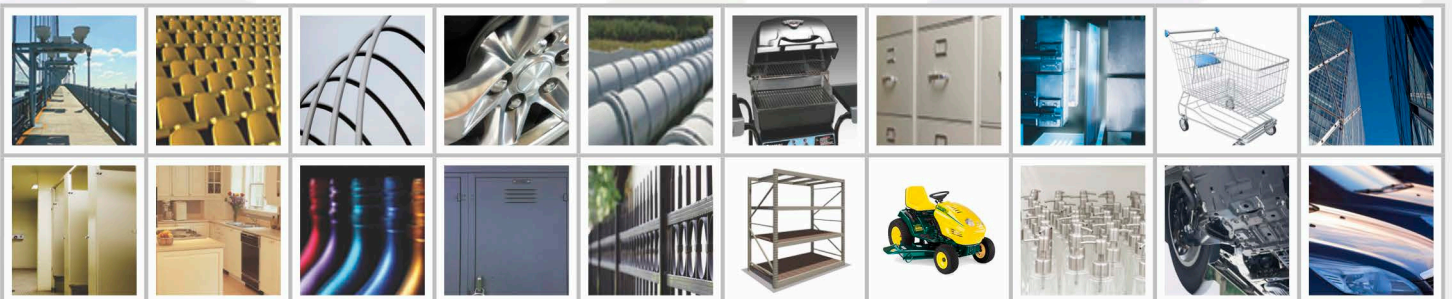
Z-SERIES™ PE60

- Meets the five year Florida exposure requirements as set forth in AAMA 2604
- Excellent adhesion, humidity resistance and water immersion resistance
- Outstanding corrosion protection and UV durability
- Excellent mechanical properties including outstanding flexibility
- QUALICOAT Class 2 - Category 3 approved
- Ideal for outdoor lamp posts, mail boxes, agricultural and construction equipment, playground installations, traffic signs, aluminum extrusions and steel roof tiles



AUTOMOTIVE POWDER COATINGS

- Complete line of topcoats, primers, and underbody powders
- Approvals from major OEM car manufacturers
- On-site technical support



Thermoplastic Powder Coating



DURABOND Functional Thermoplastic

DURABOND

- Offers outstanding hardness properties
- Formulated with excellent flow properties to produce a smooth finish without additional additives
- No primer required
- Excellent alternative to nylon based coatings

DURALLOY Self-Adhering PVC

DURALLOY

- No primer required
- Excellent performance characteristics
- Significant cost savings

DURAPEARL High Performance PVC

DURAPEARL

- High performance PVC thermoplastic powder coatings
- Outstanding durability
- Steam and stain resistance
- Ideal coating solution for dishwasher racks, dryer racks, and freezer baskets

DURAPOL Functional Thermoplastic

DURAPOL

- Lower-cost alternative to nylon powders
- Remarkable hardness properties

DURAVIN Standard Grade PVC

DURAVIN SDG-1M-1

- Formulated to meet the performance requirements of wire goods manufacturers
- Available in low-smoke plasticizer technology

ENCASE™ G35 Series

ENCASE™

- Meets FDA standards for direct food contact
- Provides outstanding impact and chemical resistance and demonstrates excellent flexibility

GLAS-LOK® GLS Series

GLAS-LOK®

- Developed specifically for the safety coating of glassware and ceramic products
- Greatly reduces the risk of glass and ceramics shattering upon contact
- Available in transparent colors
- Ideal solution for fluorescent light bulbs and high-end chandeliers

POLYARMOR® Functional Thermoplastic

POLYARMOR®

- Multi-purpose line of thermoplastic powder coatings
- Superb impact resistance and excellent UV protection
- Requires no primer and no cure time
- Can be applied both by fluidized bed or electrostatic spray
- Ideal solution for outdoor furniture, bike racks, playground installations, hand railings and many others

WATERARMOR™ Functional Thermoplastic

WATERARMOR™

- NSF 61 Certified
- Bisphenol A (BPA) free
- No primer required
- Excellent adhesion
- Superb impact and chemical resistance
- Flexible coating that will not crack or chip if bent
- Repairable on and off site

- Allows for over-coating and recoating
- Extremely high resistance to UV exposure
- Thermoplastic chemistry allows for no required curing
- Low-temperature and quick flow out
- Ultra-smooth finish provides increased flow rates
- Fluidized bed or spray application
- Made in North America



Certified to
NSF/ANSI 61 & 372



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Protech's experienced sales team has members throughout the world. We also have a large warehousing network throughout North America. To find the salesperson closest to your location please contact us.

www.protechpowder.com



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