





TRINIDAD POWDER COATERS
a division of Panland Trinidad & Tobago Limited

WHAT IS POWDER COATING?



Powder coating is an advanced method of applying a decorative and protective finish to a wide range of metal-based products & materials that are used by both industries and consumers (i.e. steel, iron, aluminum, bronze, titanium, magnesium, etc). The powder used for the process is a mixture of finely ground particles of pigment and resin, which is sprayed onto a surface to be coated. The charged powder particles adhere to the electrically grounded surfaces until heated and fused into a smooth coating in a curing oven. The result is a uniform, durable, high quality, and attractive finish. Powder coating is the fastest-growing finishing technology in North America, Europe, and Asia for industrial finishing applications.

THE FIVE E'S OF POWDER COATING

ECONOMY

EXCELLENT
FINISH

EFFICIENCY

ENVIRONMENTALLY
FRIENDLY

ENERGY SAVING



POWDER COATING VS. PAINT

More Durable

Powder Coating gives consumers, businesses, and industries one of the most economical, longest-lasting, and most color-durable quality finishes available. Powder coating is applied thicker and dries harder than liquid paint, hence surfaces are more resistant to chipping, scratching, fading, and wearing than other finishes. These qualities apply as well to pliable surfaces such as springs, which are able to bend and stretch without cracking the coating. Colors stay bright and vibrant longer. Texture selections range from smooth surfaces to a wrinkled or matte finish, and rough textures designed for hiding surface imperfections.

Safer for our Environment

The powder coating process is environmentally friendly – virtually pollution free! Powder coating is highly protective of our environment. While liquid finishes contain solvents which have pollutants known as volatile organic compounds (VOCs), powder coating contains no solvent and releases negligible amounts, if any, of VOCs into the atmosphere. Thus, there is no longer a need for pollution control equipment and hence greater conservation of energy.

Saves Time and Money

Due to the longer lasting, fast and energy efficient attributes of powder coating, the advent poses numerous savings for industries and consumers alike. Turnaround time is faster, and less money is spent on maintenance and refurbishment of surfaces, or alternative finishes that are much more expensive. The coating process is also faster, more precise and consistent due to the electrostatic finishing process.

APPLICATIONS



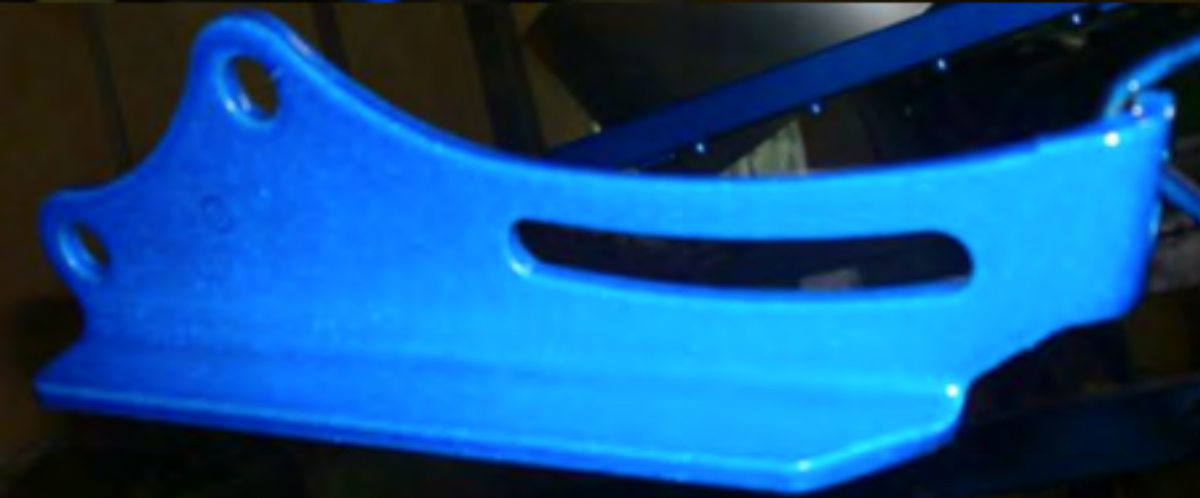
TIGER Drylac[®]
Powder Coatings



RIMS & WHEELS



ENGINE PARTS



BUILDING FIXTURES & CONSTRUCTION



*Trusses
coated for
Media 21*



*Extrusions
coated for
Delta Glass*

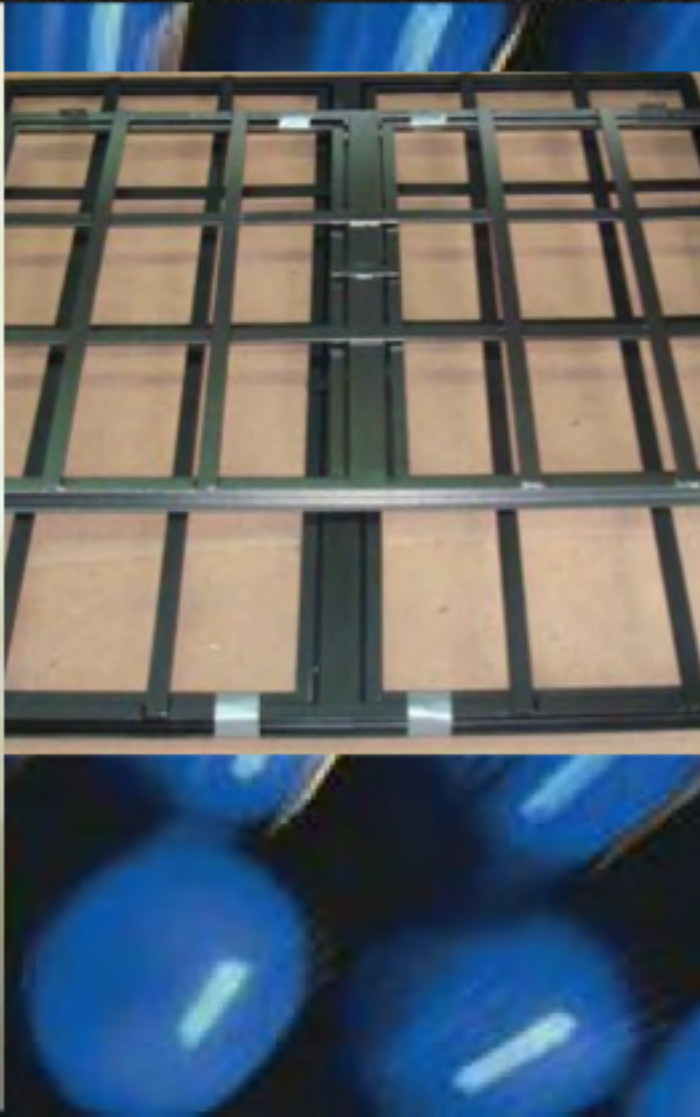
OUTDOOR & MARINE EQUIPMENT



LIGHTING & VENTILATION FIXTURES



WINDOW & DOOR FRAMES



INDOOR & OUTDOOR FURNITURE



DECORATIVE HOUSEHOLD FIXTURES



HIGH PERFORMANCE APPLICATIONS

At Trinidad Powder Coaters, we are committed to delivering on the following key principles with each and every product we treat:

Toughness

Attractiveness

Durability

Abrasion – Resistance

Consistency

Versatility

Precision

In addition to these core principles, our highly trained team of experts is committed to matching the specific needs of our clients, including industries requiring superior, high-performance coating applications (e.g. extreme durability, corrosion resistance, weather resistance). As part of this commitment, TPC offers on special request, a selection of primers and secondary coatings to meet these application demands.

HIGH PERFORMANCE TREATMENTS

SERIES 38 - SUPER DURABLE COATINGS (INTERIOR OR EXTERIOR)

A highly weather- and UV – resistant top-coating based on super - durable polyester substrate. Our Series 38 clear coating is available as part of our standard order, with custom colors available upon request

DRYZINC PRIMER (EXTERIOR)

For superior corrosion protection (recommended for marine environments & coastal regions). Our Dryzinc primer is an excellent pre - treatment for anti-corrosion needs and can also be used as a top-coating for indoor purposes

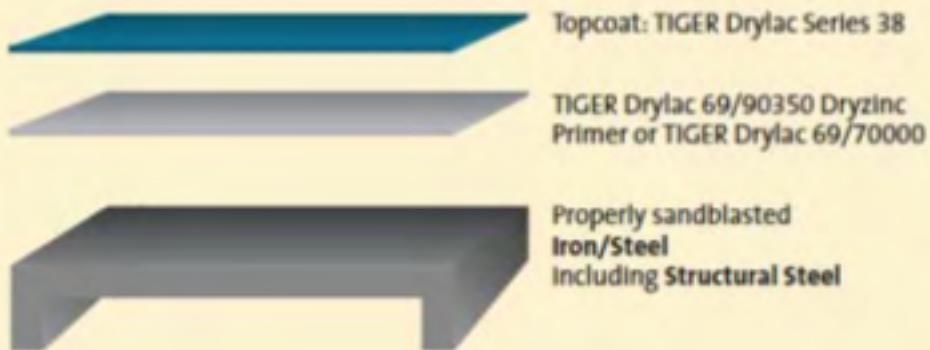


HIGH PERFORMANCE TREATMENTS

TIGER SHIELD SYSTEM (EXTERIOR)

The Tiger Drylac Shield system is a two – coat process which combines the advantages of the Series 38 super durable topcoat and the Dryzinc Primer. For optimum corrosion protection with highest weatherability

Steel/Iron



Aluminum

Under normal conditions a single coat of Series 38 powder coating is sufficient. In highly corrosive environments, as is found in coastal regions or industrial atmospheres, a 2-coat system of TIGER Drylac Dryprotector 69/70000 plus a topcoat of Series 38 can be beneficial. Both products are engineered to complement each other and offer an excellent corrosion barrier. For objects exposed to extreme conditions, especially where there is a possibility of filiform corrosion, Chromate Conversion coatings or Chrome Phosphating has been proven to be an excellent pretreatment choice.

SUMMARY OF APPLICATIONS BY INDUSTRY

APPLIANCES



APPLICATIONS INCLUDE:

- Barbecue Grills
- Dryer Drums
- Gas and Electric Ranges
- Kitchen Mixers
- Lighting Equipment
- Water Heaters
- Washer Tops & Lids
- Vacuum Cleaners
- Refrigerator Doors/Shelves
- Microwave Ovens

AUTOMOTIVE



APPLICATIONS INCLUDE:

- Antennas
- Anti-chip primer
- Ashtrays
- Auto bodies
- Brakes assemblies
- Bumpers
- Door Handles
- Engine Blocks
- Luggage Racks
- Mirror Brackets
- Window trim
- Wheels
- Valve Covers
- Truck Seat Frames
- Trucks and Windows
- Trailers & Hitches
- Steering Wheels
- Shock Absorbers
- Radiators
- Oil/Air Filters
- Windshield Wipers

Note: Powder coating application to metal surfaces only. All non-metal components should be removed from product to avoid melting during the Powder Coating process

SUMMARY OF APPLICATIONS BY INDUSTRY

BUILDING, CONSTRUCTION, ARCHITECTURE



APPLICATIONS INCLUDE:

- Air Conditioner Cabinets
- Aluminum/Iron/Steel doors & windows
- Brackets
- Conservatories
- Downspouts
- Escalator steps
- Exterior staircases
- Extrusions
- Fire extinguishers
- Gas/Electric furnace cabinets
- Signs
- Shutter & Louvers
- Spa Covers
- Irrigation Pipes
- Bathroom Fixtures
- Guard Rails
- Hand & Power Tools
- Maintenance Equipment
- Mailboxes
- Metal Fencing
- Metal gutters
- Propane Tanks
- Satellite Dishes
- Water Pumps & Tanks
- Wind Turbines
- Structural Steel

Note: Powder coating application to metal surfaces only. All non-metal components should be removed from product to avoid melting during the Powder Coating process

SUMMARY OF APPLICATIONS BY INDUSTRY

FURNITURE & HOUSEHOLD



APPLICATIONS INCLUDE:

- A/V Furniture & Equipment
- Bed Frames
- Coat racks
- Cribs & Playpens
- Drapery rods
- Filing Cabinets & Systems
- Chair & Table Frames
- Patio Furniture
- Office Partitions
- Metal Cabinets
- Hospital Beds
- Towel Racks & Stands
- Plant Holders
- Mirror & Picture Frames
- Lawn Chairs
- Garage Fixtures
- Tool Boxes

Note: Powder coating application to metal surfaces only. All non-metal components should be removed from product to avoid melting during the Powder Coating process

SUMMARY OF APPLICATIONS BY INDUSTRY

SPORTS, ENTERTAINMENT & LEISURE



LAWN, GARDEN, FARMING & AGRICULTURAL



APPLICATIONS INCLUDE:

- Bicycle Frames & Wheels
- Bingo cages
- Animal Cages
- Electronic Equipment
- Serving Carts
- Jumbo-tron Trusts & Frames
- Vending Machines
- Water Coolers
- Exercise Equipment
- Fishing Lures
- Free Weight Equipment
- Gazebos
- Go Carts
- Golf Carts & Clubs
- Hunting Decoy Chairs
- Playground Equipment
- Pet Dishes
- Pet Beds
- Mosquito Traps
- Metal toys & Wagons

APPLICATIONS INCLUDE:

- Chain saws
- Edgers
- Fertilizer Spreaders
- Garden Tillers
- Garden Tools
- Hammock & Swing stands
- Landscape Luminaries
- Lawn Mowers
- Wheelbarrows
- Tractors
- Patio Umbrellas
- Snow blowers
- Patio Heaters
- Mosquito magnets
- Livestock cages & Equipment
- Saddle Stirrups
- Trailers & Hitches

Note: Powder coating application to metal surfaces only. All non-metal components should be removed from product to avoid melting during the Powder Coating process

COLOR COLLECTIONS & FINISHES



TIGER Drylac[®]
Powder Coatings



COATING FINISHES

GLOSS

Application for our Standard Color Collection. Single coating with saturated color and shine

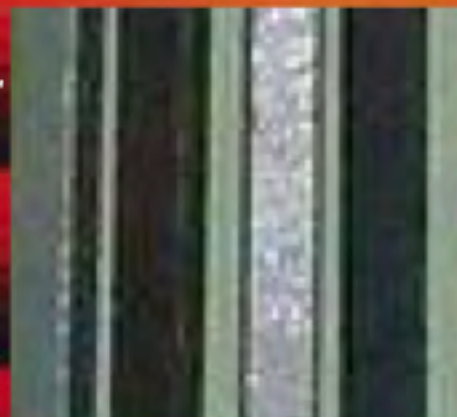


SPECIAL EFFECTS

Applications for our Designer Series Collection. Coatings with unique reflective properties and non-traditional colors

CANDY

Application for our Premium Color Collection. Double coating with hi resolution 3-D reflective color and shine



TEXTURED

Applications for our Premium Color Collection. Coatings with unique textural properties and decorative patterns

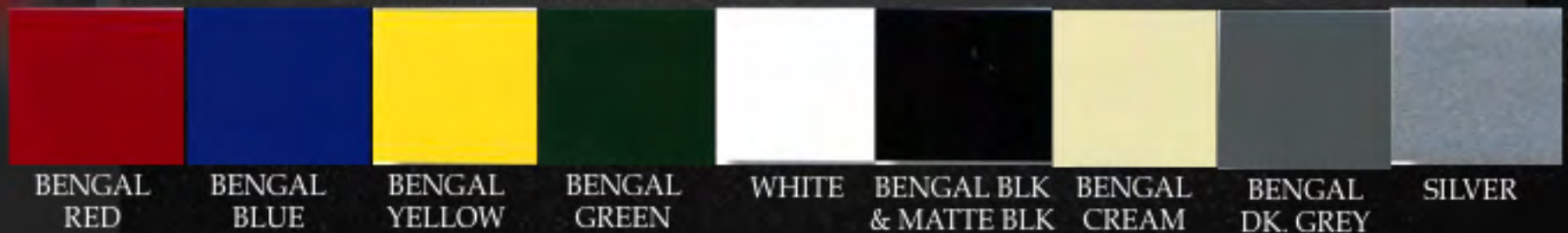
DESIGNER - Coating with unique reflective properties and non-traditional colors



PREMIUM - Double coating with hi - resolution 3-D reflective color and shine



STANDARD - Single coating with saturated color and shine





ABOUT TPC



Trinidad Powder Coaters, a division of Panland Trinidad & Tobago Limited, was launched in 2007 to meet the growth and diversity in the demand for superior finishing techniques across a variety of industries. This resulted from the pioneering effort of Panland's President and Founder Michael Cooper, in being the first to apply the innovative and fast growing technology to the steelpan instrument, building upon the company's well-earned reputation of being the leading producer of the steelpan instrument worldwide.

Today, TPC boasts of being a market leader in Powder Coating services and applications, due to the superior quality, service, and affordable pricing options we provide to our consumers. As the only local member of the Powder Coating Institute (PCI) our technicians are experts in the most advanced powder coating techniques, resulting in high levels of customer satisfaction and a loyal client base of corporations, medium and small enterprises, and individual homeowners.

Please feel free to contact us or visit our factory showroom for quotations and enquiries:

Trinidad Powder Coaters, a division of Panland Trinidad & Tobago Ltd.
Address: Cor. Eastern Main Road & Dorata St., Laventille, Trinidad, W.I.
Tel: 1-(868) 627-0185 Fax : 1-(868) 623-1634
Email: steelpan@mail.tt