

| Colors & | Finishes



Colors & Finishes

TIGER Drylac® Powder Coatings

Powder coatings from TIGER are available in

- TIGER architectural colors
- TIGER BLM (Bureau of Land Management) colors
- TIGER metallics & special effects
- Standard colors
- Custom-colors

All formulations used for the TIGER Drylac® range are formulated free of cadmium, lead and other heavy metals or toxic materials.

Original Powder Coated Samples

The availability of a powder coating surface finish is determined by the series' chemistry, the color, the metallic effect, the gloss level and the texture. Please refer to the Product Matrix in Section 3 and the Product Data Sheet in Section 4.

A selection of architectural colors and metallic effects is available in TIGER color cards. Please refer to Section 12.

Color swatches featured in color cards have been matched to color standards at a 60-degree visual angle under a D65 Daylight primary light source. Gloss level on metallic, fine and rough textured swatches cannot be accurately measured. The swatches are to be considered as an indication only. In practice, discrepancy between the color swatch and the actual powder coating may arise. This is due to paper and ink limitations, the influence of light and heat during the color card production, as well as gloss level, substrate, surface variations, binder systems and pigments, coating thickness and cure oven conditions used during application. For an accurate color and finish assessment, it is recommended to obtain a powder coated sample panel from TIGER Drylac®.

Original 3" x 6" powder coated marketing panels are available from TIGER upon request.

Standard & Custom-Products

Standard products are available according to RAL system and other industry color standards. A wide range is readily available as stock product.

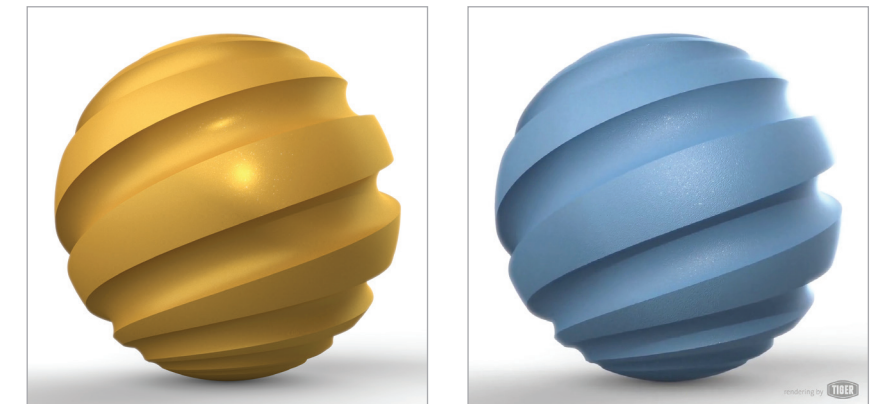
Special requirements can be met through individual formulations and manufacturing of custom-products.

Custom-products shall be ordered in minimum quantities. Due to the increased processing and manufacturing costs, small volume orders will be subject to an appropriate price surcharge. For color matching, a reference sample is necessary. Upon request, color evaluation, formulation and manufacturing of reference sample matches are available at short notice.

Visual differences between powder coated and liquid paint coated components should be expected, even when the same color is used. Special attention to these details should be taken into consideration when specifying the coatings for a project. In addition, in order to prevent potential differences in color and surface appearance, TIGER Drylac® does not recommend the combination of its coatings with other manufacturers' coatings.

TIGER Drylac® Metallics & Special Effects

Metallics



TIGER's metallic range offers attractive and unique silver, copper, gold, iron glimmer and other effects - all based on TIGER's extensive formulation and manufacturing expertise. To ensure long-term stability of the powder coating for exterior applications, only pigments with a high degree of color-fastness and weather resistance are used.

The formulation, processing and production of metallic powder coatings require a high degree of technology and expertise. Nevertheless, slight variations in color, surface texture and appearance may occur from batch-to-batch. Colors and effects may also vary due to the method of application. These variations can be diminished by ensuring that the same application equipment and identical process parameters are used throughout a project.

For certain metallic products, TIGER recommends the application of a clear top coat to increase durability and chemical resistance, or to enhance the depth of the finish. Please refer to the color cards.

2nd Generation Bonded Metallics

TIGER Drylac 2nd generation bonded metallic surface finishes are entirely manufactured in-house using an advanced proprietary technology 2nd generation bonding process that imparts advanced quality and a high degree of color consistency during the application process. This state-of-the-art technology offers unique benefits including batch-to-batch consistency, recyclability, uniform and flawless finish. For additional information and color selection, please refer to Metallics & Special Effects color card.

3D Metallics

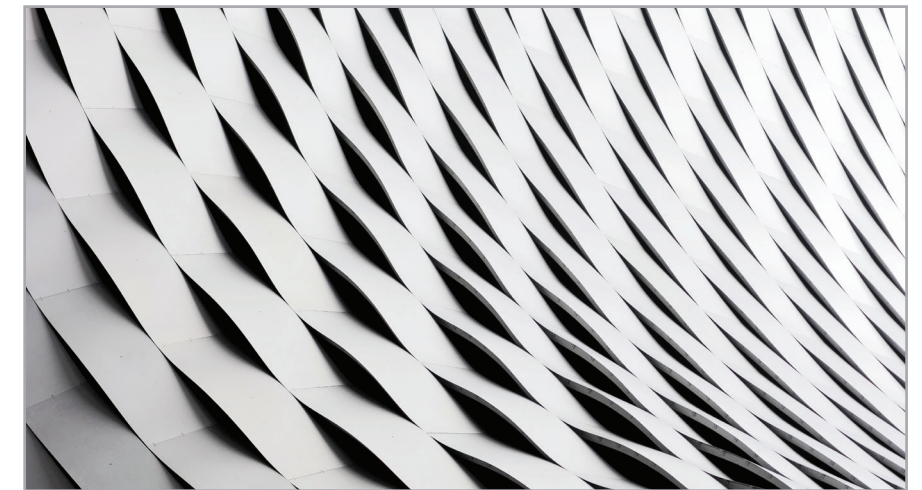
TIGER 3D Metallics (3DM) is a patented innovative high quality super durable polyester TGIC-free powder coating developed to provide a surface finish solution to meet builders, architects and coaters' requirements for a brilliant effect powder coatings with a liquid paint appearance.

3D Metallic finishes are characterized by high processing reliability and a highly distinctive & bright metallic effect. The effect is clearly visible from all viewing angles and even from a distance. 3D Metallics offer unmatched batch-to-batch consistency in metallic finishes and excellent corrosion protection and UV resistance. A clear top coat is not required.

Pearlescent Effects

Pearlescent powder coatings utilize reflective metallic pigments that create an effect reminiscent of natural pearls. They can be formulated as custom-products in various colors for exterior applications.

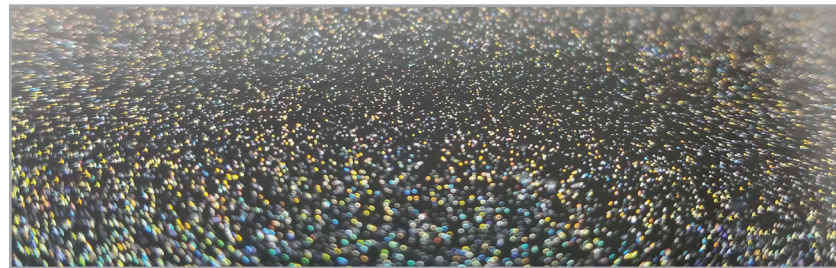
Anodized Effects



Anodized Effects are finishes with deep, rich and natural metallic appearance suitable for high-traffic areas and surfaces subject to heavy physical handling. They are available in six standard colors compliant to AAMA 2604 specifications. They are matched to the most popular anodizing finishes in the market, Clear #14 and #17, Champagne #18, Light Bronze #26, Medium Bronze #28, Dark Bronze #40 and Black #29.

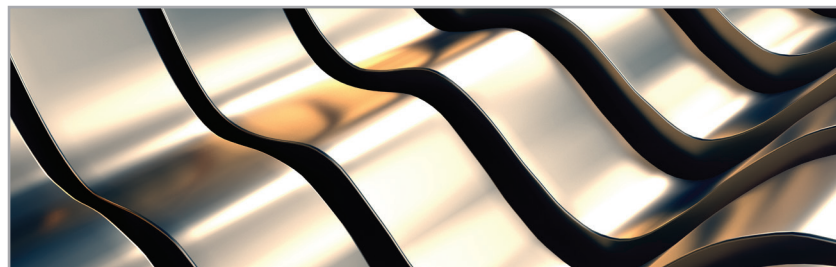
TIGER anodized effects powder coatings are more cost effective than anodizing system while providing superior mortar resistance and color homogeneity. They are suitable for aluminum extrusions, cast pieces and other ferrous and non-ferrous substrates.

Glitter Effects



Gold, silver and twilight two-coat glitter powder coating system containing sparkling metallic flakes suspended in a clear top coat applied over a dark basecoat. Astonishing and deep sparkling effects reminiscent of a starry sky, provide the illusion of a fantastic, magical world.

Iron glimmer



Smooth and fine textured surface finishes, Iron glimmer powder coatings provide a metallic look while containing little or no metallic pigments. They are ideal for one-coat finishing solutions.

Brilliant reflective



Brilliant reflective surface finishes such as Mirror Silver, Chrome OGF and Kromezone are high performance surface finishes. The extreme brilliance of this type of surface finish relies on the high flow and good smoothness of the base powder coating and the perfect alignment of the metallic particles at the surface. These surface finishes require a clear top coat in order to protect the thin layer of aluminum flakes. Any substrate imperfections, impurities and metal shaving will appear as noticeable protrusions.

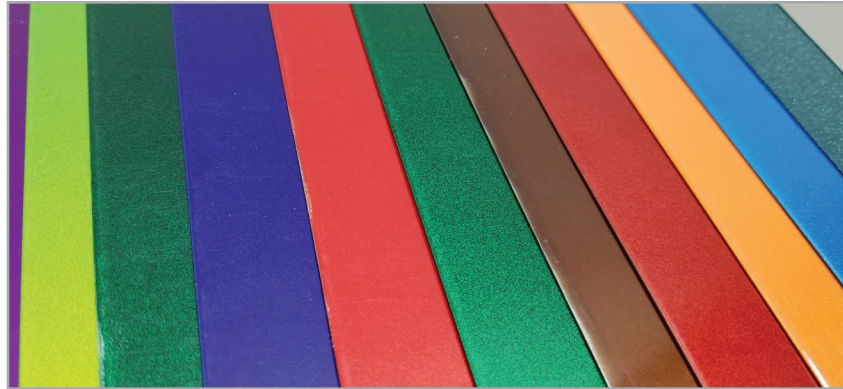
Decorative Chrome-Free Effects



Chrome-plated, reflective surfaces for metal parts are widely used by designers to provide stylish effects for high value parts and end-use products.

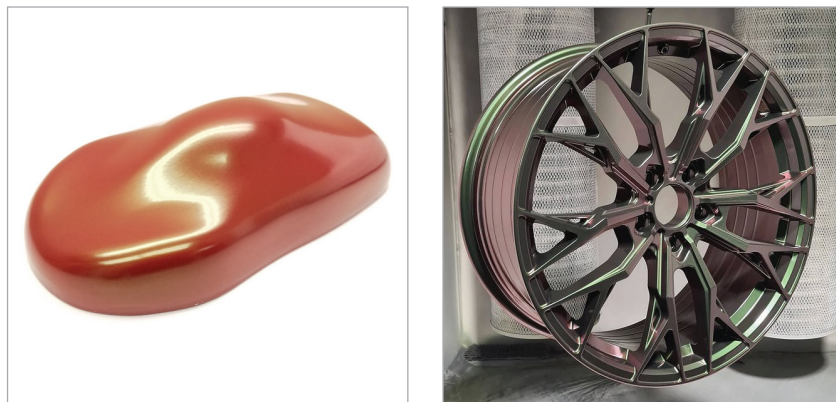
TIGER Coatings, together with its partnering companies, have developed a “green” approach to producing highly decorative chrome-like finishes. In this process, the application company combines high-performance powder coatings and vacuum metallization through Chrome6+ Free Chrome (CFC) system. This unique process substitutes the use of the toxic hexavalent chrome (=Cr6+) and provides a shiny, chrome-like finish in a large variety of transparent colors, hues and effects.

Dormant Transparent Effects



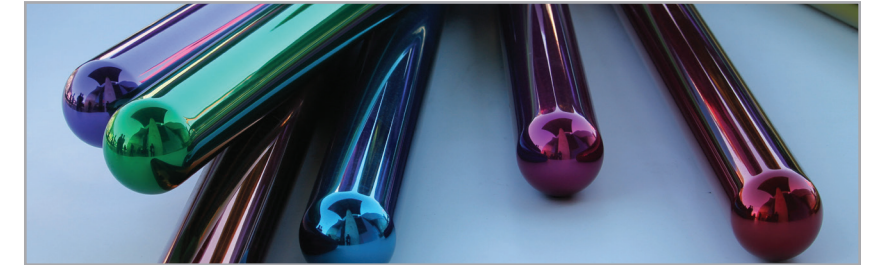
Dormant Transparent powder coatings are flamboyant finishes obtained through the application of two coats. The effect will only evolve after the application of a clear top coat. They are suitable for signature architectural structures where an opulent, attention-grabbing finish is required for interior and exterior applications.

Flip-Flop, Holographic Effects



Holographic one-coat powder coatings offer attractive, ever-changing color effects that depend on the angle of viewing and light sources. This effect consists of a transparent powder coating with multi-colored holographic pigments featuring an inherently high metamer effect. An additional powder clear coat provides more depth to the finish. Exterior applications are possible.

Candy Transparent Effects



Candy transparent is a range of transparent finishes with a candy effect. They are suitable for aluminum, steel, chrome and mechanically brushed substrates. To achieve an equal finish with other substrates, it is recommended to use a shiny metallic effect as basecoat, such as Mirror Silver, Kromezone, Chrome OGF and Sparkle Silver. Candy transparent finishes provide limited hiding and have limited UV stability.

Fluorescent and Neon Effects



This selection of powder coatings is used for signage, safety precaution and other applications where an attention-grabbing effect is required. Fluorescent powder coatings are recommended for interior applications. Typical colors include neon yellow, neon pink, red, orange and bright green.

Clear Surface Finishes

Polyester, polyester super durable, polyurethane and acrylic-based clear surface finishes are available in a variety of gloss levels from matte to high gloss.

Clear fine texture matte and rough texture glossy finishes are well suited to hide substrate imperfections. They can be used as a single coat directly over the substrate or as a topcoat over any other base color. However, due to the textured finish the base color will experience some appearance changes in color and gloss.

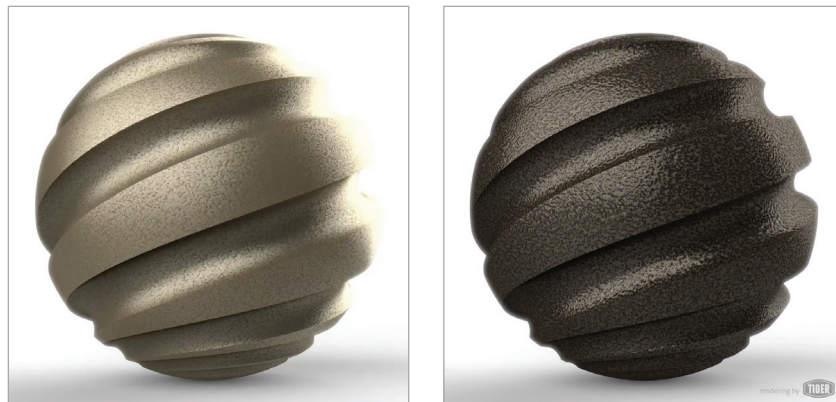
TIGER Drylac® Textured finishes

Fine and Rough Textures



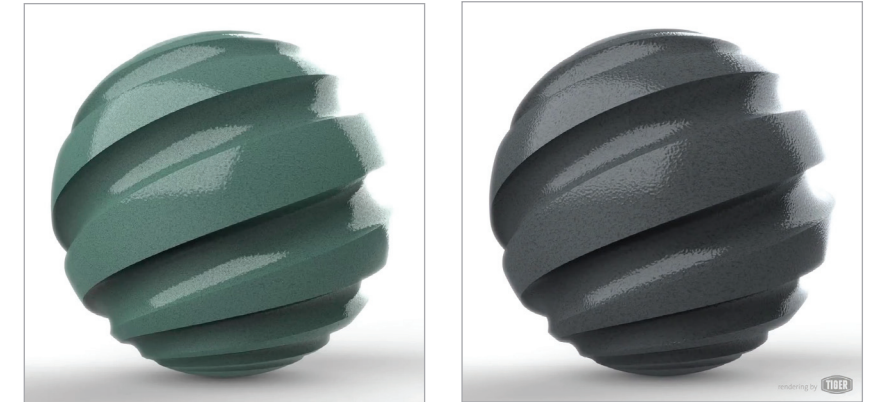
With the help of modern powder coating technology, TIGER has reproduced the tactile and haptic effect of sand; a natural element of nature. Fine texture effects intend to stimulate two different senses: sight and touch. These finishes are available in both interior and architectural grades and metallic effect finishes for decorative as well as functional purposes. They are suitable for applications that require the concealment of metal substrate imperfections.

Antique and Vein Textures



This selection of powder coatings highlights a retro trend and delivers an appearance of old, authentic, vintage and antique premium finishes. The surface provides warmth and depth, with the noble character of steel and other metals. Colors of silver, copper, steel and gold are available. This one-coat system offers excellent hardness, corrosion and chemical resistance.

Hammertone Textures



Hammertone finishes look as if the surface was textured with a ball-peen hammer. The undulated contrast created by the underlying base color adds ambiguity to the finish. They are available in various colors. They are ideal for applications requiring heavy-duty and wear-resistant properties.

Designer Finishes



Designer finishes provide a classical look in two and three-tone colors and textures simulating the oxidation of copper, natural rocks and stones as well as a pleasant salt-and-pepper effect. A wide variety of unique surface finishes can be achieved such as glossy, semigloss and matte.

TIGER Drylac® Special Properties

Anti Graffiti

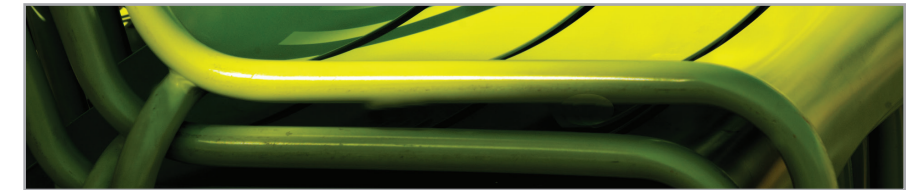


Although some might consider graffiti as an expression of creativity, the wider public sees it as a sign of social unrest, aggression and frustration. Graffiti and other forms of vandalism with paint are initially considered to be mere nuisances. However, repeated cleanings of popular targets can result in considerable long-term damage to a structure's substrate.

In addition to such long-term damage, municipal administrations, public transit authorities and property owners are confronted with high costs for cleaning and repairs year after year. The problem can become a wearisome and expensive battle for those responsible for a property's maintenance.

TIGER Anti-Graffiti Series 44 is suitable for permanent graffiti prevention. This surface finish provides excellent chemical resistance and surface hardness properties. Anti-graffiti Clear Glossy can be applied as a top coat over any TIGER powder coating to obtain a tough and easy to clean surface.

Abrasion Resistance



Using its special, globally patented technology, TIGER has developed a unique powder coating system that surpasses standard powder coatings by more than 100% in terms of abrasion resistance. With only a single coat, the long-lasting, wear-and-tear resistant finishes can be achieved without any negative impact on the mechanical properties of the powder coating system. Typical applications include metal and wood substrates.

FDA-compliance



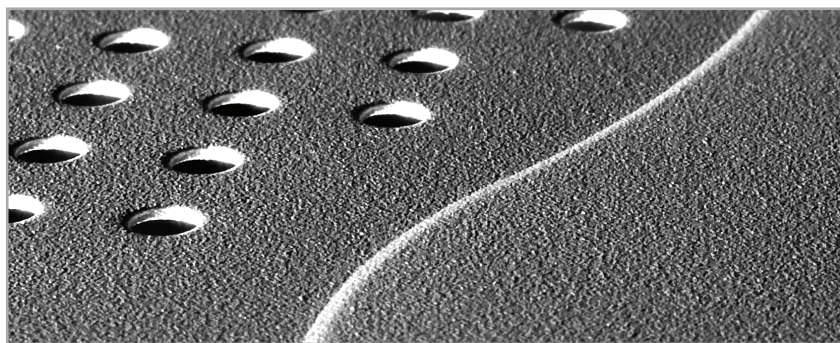
TIGER FDA-compliant powder coatings surface finishes are in conformity with the Food and Drug Administration's raw materials requirements of 21 CFR 175.300 "Resinous and Polymeric Coatings". This regulation deals with coatings that may be safely used for food-contact surface of articles intended for use in producing, manufacturing, packing, packaging, treating, transporting or holding food, when the coating is applied as a continuous film over a metal substrate, or when the coatings is intended for repeated use and is applied to any suitable substrate as a continuous film or enamel that serves as a functional barrier between the food and the substrate. FDA-compliant powder coatings also "conform" and "comply" with the requirements of 21 CFR 178.3297 "Colorants for Polymers". TIGER has not conducted compliance tests, but rather relies on the raw materials suppliers to provide the appropriate documentation. It is the buyer's and customer's responsibility to test applied parts carrying the mention "FDA approved", as may be required by their customers.

Outgassing forgiving (OGF) properties



TIGER surface finishes with OGF properties are developed for castings, hot galvanized and forged steel, aluminum flame-sprayed and other porous and outgassing-prone substrates such as fired clay and ceramics. They are available in a variety of colors and can also be formulated in custom-colors. TIGER also offers OGF additives that can be dry-blended to any TIGER Drylac® powder coating. However, for large volumes, it is recommended to produce the powder coating in an OGF formulation on a custom-basis.

Anti-skid properties



TIGER surface finishes with anti-slip properties are ideal for metal staircases, metal decking, safety gratings, floor plates and grids, maintenance catwalks, elevator floors, conveyors and additional industrial applications that require an anti-slip coating for safety purposes. It is recommended to apply over a primer or a semigloss basecoat