Stellix
2nd generation bonded metallic surface finishing | Volume 3
Metallic surface finishes for exterior and interior applications

This color chart combines popular exterior and interior Stellix 2nd generation bonded metallic powder coatings, designed with the designer, the coater and the OEM in mind.

Stellix; 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.

Stellix 2nd generation bonded metallic surface finishes offer unique benefits including batch-to-batch consistency, recyclability, uniform and flawless finish, higher first pass transfer efficiency and lower gun settings leading to less equipment wear. With Stellix there is no need for special equipment during application, no dry spray, clouding, stripping or picture framing and most importantly, particles do not segregate during transportation and storage.

For a proper application of Stellix 2nd generation bonded metallic surface finishes, it is recommended to carefully read the “Guidelines for application of metallic powder coatings” and adhere to its contents. This document is downloadable from TIGER’s website.

Surface finishes designed for exterior applications are also suitable for interior applications. Surface finishes designed for interior applications (Series 09, Series 69) do not offer adequate UV resistance and, therefore, are not suitable for exterior applications. Applying a clear top coat over a surface for interior application will not increase its UV resistance.

Antique/vein

Polyester/epoxy and polyester-based textured metallic surface finishes (also known as antique or vein) in TIGER Drylac® Series 09 and Series 49 are a simple solution to hide uneven surfaces. They are easy to maintain and add visual dimensional layers to objects that otherwise show no character. While antique/vein surface finishes in Series 09 require a clear top coat to increase durability and chemical resistance, in Series 49 they do not require a clear top coat for neither exterior nor interior applications.

Glitter

Polyester-based surface finishes containing sparkling metallic flakes suspended in a clear coat. They can be applied over any base coat color, and provide a high range of effects by just changing the base coat color. They are available in Gold (not displayed in this chart) and Silver. The Twilight version, TIGER Drylac® 49/00390 provides multiple-color sparkles to add delight and cheerfulness to any color.

Iron glimmer

Polyester-based smooth and fine textured surface finishes 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, TIGER Drylac® 49/91260, Chrome OGF, TIGER Drylac® 49/91312 and Kromezone, TIGER Drylac® 49/95001 are high performance surface finishes. The extreme brilliance of this type of surface finishes relies on the high flow and good smoothness of the base powder coating and the perfect alignment of the metallic particles at the surface. Cleanliness of the substrate before application is very critical. Any substrate surface imperfections as well as impurities and metal shaving will be very visible. Substrate surface impurities will appear as noticeable protrusions. These surface finishes require a clear top coat in order to protect the thin layer of aluminum flakes.

Pearlescent

Polyester-based surface finishes containing mica pigments offer reflective metallic values reminiscent of natural pearls. They provide luster and shine.
To increase durability and chemical resistance, TIGER Drylac® recommends the application of a clear top coat for interior and exterior applications.
To enhance the depth of the finish, TIGER Drylac® suggests the application of a clear top coat.


- **Glimmer smooth**
  - 49/70190 P 2 Glimmer
  - 49/70200 P 3 Glimmer
  - 49/70220 P 4 Glimmer
  - 49/80180 P 5 Glimmer
  - 49/70210 P 6 Glimmer
  - 49/80190 P 7 Glimmer
  - 49/70230 P 14 Glimmer
  - 49/77790 DB 702 Glimmer

- **Glimmer fine texture**
  - 49/70190 US 2 Fine Texture Glimmer
  - 49/70785 US 1 Fine Texture Glimmer
  - 49/70789 DB 702 Fine Texture Glimmer

- **Fine texture**
  - 59/91611 Oil Rubbed Bronze Fine Texture
  - 38/68192 Gold Brown
  - 49/79680 Anthracite Metallic
  - 09/90530 Silver Fine Texture

- **Antique/vein**
  - 49/91190 Gold
  - 09/68560 Rustico
  - 38/68130 Greco
  - 09/68420 Copper Blast

*To enhance the depth of the finish, TIGER Drylac® suggests the application of a clear top coat.*

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Recommended clear top coats:
- For interior: Clear Flat Matte epoxy 69/00300
- For exterior and interior:
  - Clear Matte acrylic hybrid 16/00030
  - Clear Satin polyester TGIC 49/00280
  - Clear Glossy polyester TGIC 49/00530
  - Bengal Clear Glossy polyester TGIC super durable 38/00001
  - Anti-graffiti Clear Glossy polyester-urethane 44/00018

**NEW**
- Sparkle Silver | 49/90450
- Standard Silver | 49/90380
- Brilliant Sparkle Silver | 49/90510
- Bengal Clear Glossy polyester TGIC super durable 38/00001
- Anti-graffiti Clear Glossy polyester-urethane 44/00018

**NEW**
- Anodized Silver | 38/91020
- Marine Silver One Coat | 38/90010
- Marine Silver One Coat | 38/91020
- Marine Silver One Coat | 38/92790
- Marine Silver One Coat | 38/99999
- Marine Silver One Coat | 39/90000
- Marine Silver One Coat | 39/96114
- Marine Silver One Coat | 59/95726
- Marine Silver One Coat | 59/99726
- Marine Silver One Coat | 59/99999

**NEW**
- Grey Metallic | 09/80340
- Anthracite Metallic Interior only | 09/80170
- Anthracite Metallic Interior only | 09/80170
Till #4139B

35 color chips @ 1.375"W x 1.25"H

Dorn Color, Inc.

**matte | 69/91390**
Epoxy Silver Matte  *
Interior only

**matte | 49/90500**
Silver Matte

**matte | 39/60020**
Bronze Matte

**matte | 49/92380**
Silver Matte One Coat

**matte | 49/92910**
APRX to RAL 9006 Matte One Coat

**matte | 09/60600**
Bronze Metallic  *
Interior only

**matte | 49/92380**
Silver Matte One Coat

**matte | 49/92910**
APRX to RAL 9006 Matte One Coat

**matte | 09/60600**
Bronze Metallic  *
Interior only

**matte | 25/60620**
Bronze Matte

**matte | 30/60020**
Bronze Matte

**matte | 49/66230**
Brown C33 One Coat

**matte | 49/66220**
Bronze C34 One Coat

**pearlescent | 49/18140**
Pearlescent White  ***

**matte | 49/66230**
Brown C33 One Coat

**matte | 49/66220**
Bronze C34 One Coat

**glossy | 09/60610**
Beige Metallic  *
Interior only

**matte | 49/15240**
Beige C32 One Coat

**matte | 49/61120**
Low Lights Bronze

**glossy | 09/60610**
Beige Metallic  *
Interior only

**matte | 49/15240**
Beige C32 One Coat

**matte | 49/61120**
Low Lights Bronze

**glossy | 49/90137**
Sahara Gold  

**matte | 49/92780**
Copper Metallic  *

**matte | 09/68635**
High Lights Bronze  *
Interior only

*** Due to semi transparency of the product, the opacity of the color and finish will depend upon the substrate type and the film thickness. A film below 2.8 mils will exhibit limited hiding.
Outgassing forgiving (OGF) properties

OGF powder coatings are developed for casting, hot galvanized and forged steel, aluminum flame-sprayed and other porous and outgassing prone substrates such as fired clay and ceramics. It is possible to customize any Stellix 2nd generation metallic surface finish in an OGF formulation. Alternatively, OGF additives can be added 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.

Stellix 2nd generation bonded metallic surface finishes exhibited in this color chart include:

<table>
<thead>
<tr>
<th>Interior applications</th>
<th>Epoxy/polyester (hybrid)</th>
<th>Series 09</th>
</tr>
</thead>
<tbody>
<tr>
<td>Epoxy</td>
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<td>Series 69</td>
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<table>
<thead>
<tr>
<th>Interior and exterior (non-architectural) applications</th>
<th>Polyester TGIC</th>
<th>Series 39</th>
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<tbody>
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<td>Polyester TGIC-free</td>
<td></td>
<td>Series 49</td>
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<tr>
<td>Polyester TGIC super durable</td>
<td></td>
<td>Series 59</td>
</tr>
</tbody>
</table>

Disclaimer

Color swatches featured in this color chart have been matched to color standards at a 60-degree visual angle under a D65 Daylight primary source. RAL numbers are matched as approximate as possible to the RAL Standards. 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 chart 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®.
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