



## Powder coatings for interior industrial applications

### Standard interior applications

TIGER Drylac® Series 09 is a polyester/epoxy-based standard cure powder coating. When lower or faster cure parameters are required, TIGER Drylac® Series 89 polyester/epoxy-based is recommended. Both TIGER Drylac® Series 09 and TIGER Drylac® Series 89 are ideal for applications such as electrical and electronic enclosures, store fixtures, shelving, office and school furniture, ceiling panels, cladding components, radiators, tools and equipment, toys and machinery parts. They provide very good mechanical and flow properties, excellent coverage and good storage stability.

### Chemical resistance

TIGER Drylac® Series 69 is an epoxy-based powder coating with excellent chemical and corrosion resistance, very good mechanical and flow properties and good storage stability. It provides excellent coverage. It is ideal for laboratory equipment, machinery parts, pump housing as well as surfaces where increased chemical resistance is required.

### Specialties

TIGER Drylac® Series 09 Electrostatic Dissipative (ED) powder coatings allow a controlled dissipation of the static buildup or prevent the buildup of a high charge in applications such as computer hoods and electronic cabinetry. Resistivity measurements in the lab measure 10<sup>6</sup> to 10<sup>9</sup> ohms. It is possible to custom-match colors in a range from dark grey to black.

### FDA-compliance

TIGER Drylac® Series 09 FDA-compliant powder coatings are in conformity with the Food and Drug Administration's raw materials requirements of 21 CFR 175.300 "Resinous and Polymeric Coatings". FDA-compliant powder coatings also "conform" and "comply" with the requirements of 21 CFR 178.3297 "Colorants for Polymers". TIGER Drylac® 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.

### Textured and smooth gloss levels

**Smooth flat matte** gloss levels range from 0 to 15 units.

**Smooth matte** gloss levels range from 16 to 25 units.

**Smooth semigloss** gloss levels range from 55 to 65 units.

**Smooth glossy** gloss levels range from 80 to 95 units.

**Fine and rough textured** gloss levels cannot be measured and are, therefore, accorded visually.

### Disclaimer

The colors featured in this color chart are matched as accurately as possible to **RAL standards**. Some deviations from the RAL standards might be noticeable due to texture and/or gloss level of the surface finish. Swatches have been matched to color standards at a **45-degree visual angle under a D65 Daylight** primary source. Gloss level on 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®**.

## TIGER WORLDWIDE NETWORK



contact details available at  
[tiger-coatings.com](http://tiger-coatings.com)



## RAL Colors + Textured and Smooth Based on RAL | Interior and exterior applications | Volume 1



## Color charts available from TIGER Drylac®

### 3D Metallics

Features a range of colors that provide a new dimension in effect powder coatings. TIGER Drylac® 3D Metallics coatings feature liquid paint-like 3D effects in one-coat. Brilliant and bright effects are visible from all angles with minimal equipment influence. Ideal for multi-coater projects and architects.

### Essentials

This color chart features a wide selection of stock surface finishes intended for industrial applications such as residential window and door frames, lawn mowers, garden equipment, patio furniture, fences, electrical boxes, light fixtures, automotive accessories, bicycles, motorcycles, agricultural equipment and machinery, sporting goods as well as other industrial applications.

It includes a wide selection of black and white colors. Colors not displayed in this color chart might appear in another TIGER Drylac® color chart or can be formulated-to-order.

Colors shown in this color chart are suitable for exterior and interior applications. An exception to this are colors formulated in TIGER Drylac® Series 69; which are intended for interior applications only.

### Metallics + Special Effects

#### Metallics

This color chart combines popular exterior and interior bonded metallic powder coatings, designed with the designer, the coater and the OEM in mind. TIGER Drylac® metallic surface finishes are entirely manufactured in-house using an advanced proprietary technology bonding process that imparts advanced quality and a high degree of color consistency during the application process.

TIGER Drylac® 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 TIGER Drylac® metallics 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.

TIGER Drylac® metallic surface finishes featured in this chart include: Antique/Vein, Glitter, Iron Glimmer, Brilliant Reflective, Pearlescent and Outgassing Forgiving (OGF).

#### Special Effects

This color chart displays a collection of several lines of special effect finishes intended to provide a distinctive surface appearance while protecting the substrate from corrosion and other elements. Finishes featured in this chart include: Anodized, Candy Transparent, Designer Finishes, Dormant Transparent, Fluorescent and Hammetones.

### Series 38

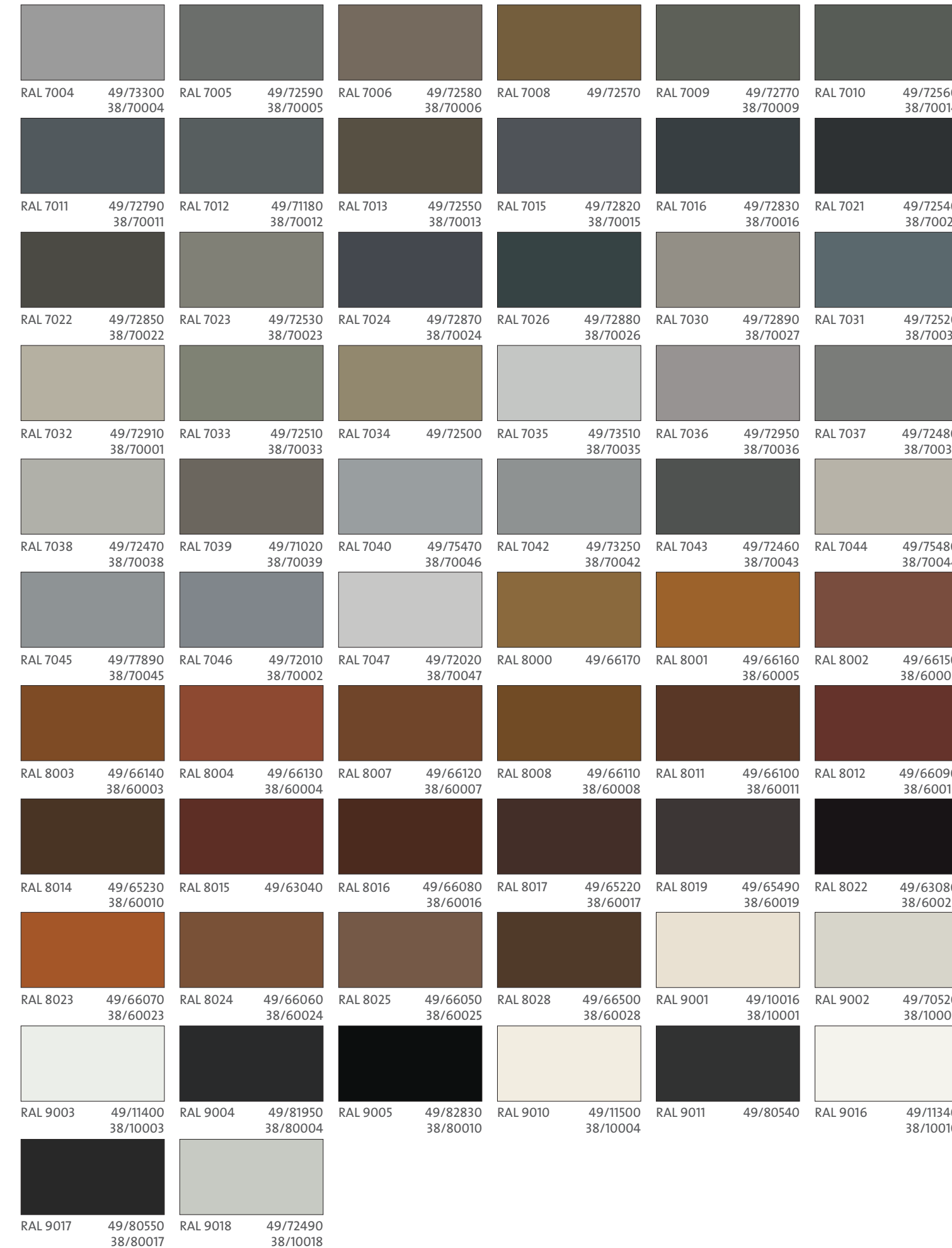
This color chart features a wide selection of TIGER Drylac® Series 38 high performance powder coatings intended for architectural applications such as metal façades, steel constructions, stadium seating, railings and residential window and door frames.

TIGER Drylac® Series 38 is also suitable for industrial applications where a high performance weather resistance is required such as agricultural equipment, external ship components, military equipment, communication towers, playground equipment, patio furniture and garden equipment.

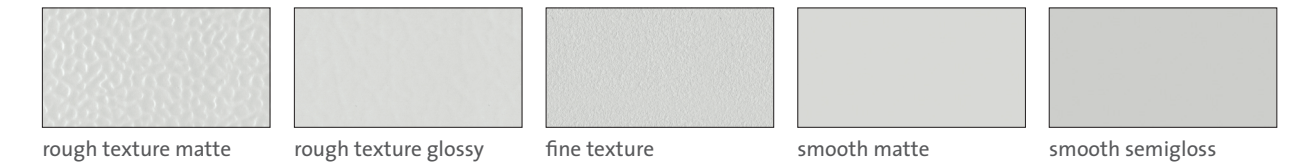
### Textured and Smooth

The powder coating products featured in this color chart are intended for interior applications only. This color chart features a range of RAL colors available in the following finishes: rough texture matte, rough texture glossy, fine texture, smooth matte and smooth gloss. You will also find other industrial applications including FDA-compliant, electrostatic dissipative, and epoxy finishes.





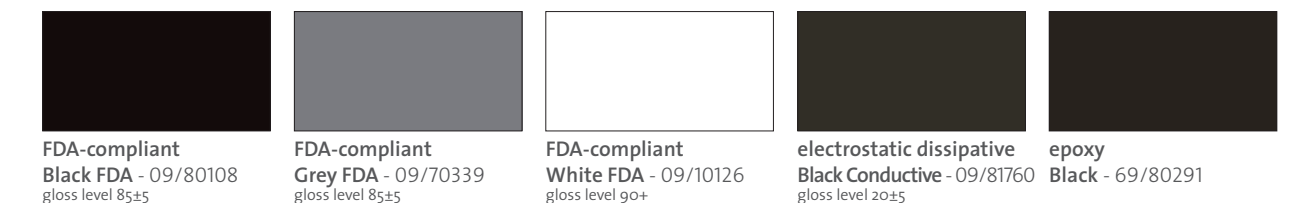
# Textured and Smooth Finishes



The chart below lists all the RAL colors available in Textured and Smooth Finishes

approx RAL color	rough texture matte	rough texture glossy	fine texture	smooth matte	smooth semigloss
RAL 1013	09/10030	89/10020	89/10990	09/10870	-
RAL 1015	-	89/15080	89/15430	09/15380	-
RAL 1021	-	89/20120	-	-	-
RAL 3002	-	89/30560	89/30450	-	-
RAL 5003	-	89/40930	89/41040	-	-
RAL 5009	-	-	89/41050	-	-
RAL 5010	09/41000	89/40480	89/41060	-	89/40880
RAL 5012	09/40110	89/40940	89/41070	-	-
RAL 5015	09/41130	89/41110	-	-	-
RAL 7001	-	89/71320	89/71460	-	-
RAL 7012	09/71410	-	89/71470	-	89/71200
RAL 7016	09/71420	-	89/71480	-	89/71260
RAL 7021	09/70110	-	89/71490	09/71190	-
RAL 7030	09/70160	-	89/71500	-	-
RAL 7032	09/70200	89/70190	89/71520	-	-
RAL 7035	09/70230	89/70220	89/71530	09/71230	89/71300
RAL 7038	09/71440	89/71380	89/71540	09/71240	-
RAL 7040	-	89/70640	89/70630	-	89/76930
RAL 7044	-	89/70690	89/70680	-	-
RAL 8014	09/60060	89/60050	-	09/60320	-
RAL 8019	09/60160	-	89/60850	-	-
RAL 9001	09/10060	-	89/11000	09/10880	-
RAL 9002	09/10090	-	89/11010	09/10890	-
RAL 9003	09/10980	89/10960	89/11020	09/10900	89/10950
RAL 9005	09/80440	39/81420	09/80160	09/80130	89/80400
RAL 9010	09/10130	-	89/11030	09/10120	89/10110
RAL 9011	09/80450	-	89/80410	-	-
RAL 9016	-	89/10430	89/10420	09/13120	89/13130

FDA-compliant | electrostatic dissipative | epoxy



FDA-compliant Black FDA - 09/80108 gloss level 85±5  
 FDA-compliant Grey FDA - 09/70339 gloss level 85±5  
 FDA-compliant White FDA - 09/10126 gloss level 90+  
 electrostatic dissipative Black Conductive - 09/81760 gloss level 20±5  
 epoxy Black - 69/80291