

# **Powder coatings for interior industrial applications**

## **Standard interior applications**

TIGER Drylac® Series og 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 og 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 og** 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 og** 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

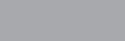
The colors featured in this color chart are matched as accurately as possible to **RAL standards**. Some deviations from the RAL standards might be noticeable due to texture and/or gloss level of the surface finish. Swatches have been matched to color standards at a **45-degree visual angle under a D65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









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**

#### Metallic

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).

#### pecial 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 Hammertones.

### 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.







	EK	owder	Coatin	gs							
RAL 1000	49/15200	RAL 1001	49/15190 38/15001	RAL 1002	49/22590 38/20002	RAL 1003	49/22580	RAL 1004	49/22570	RAL 1005	49/22560
RAL 1006	49/22550	RAL 1007	49/22540	RAL 1011	49/15180	RAL 1012	49/22530	RAL 1013	49/11280	RAL 1014	49/15170
									38/10013		38/15014
RAL 1015	49/15320 38/15015	RAL 1016	49/22520 38/20016	RAL 1017	49/22510	RAL 1018	49/21830	RAL 1019	49/13660 38/15019	RAL 1020	49/22500
RAL 1021	49/22280	RAL 1023	49/22490	RAL 1024	49/22480	RAL 1027	49/22470	RAL 1028	49/22460	RAL 1032	49/22450
					38/20024						
RAL 1033	49/22240	RAL 1034	49/23910	RAL 1037	49/20096	RAL 2000	49/24570	RAL 2001	49/24560	RAL 2002	49/24550
RAL 2003	49/24540	RAL 2004	49/24530	RAL 2008	49/24340	RAL 2009	49/24360	RAL 2010	49/24520	RAL 2011	49/24580
	.37_137.6		.5755		.33 _ 13 10		7,572.1,566		.5752		.57_1556
RAL 2012	49/24690	RAL 3000	49/33120	RAL 3001	49/31120	RAL 3002	49/31110	RAL 3003	49/31100	RAL 3004	49/33900
RAL 3005	49/31900	RAL 3007	49/31910	RAL 3009	49/31920	RAL 3011	49/31090	RAL 3012	49/31940 38/30012	RAL 3013	49/31950
RAL 3014	49/31080	RAL 3015	49/33670	RAL 3016	49/31980	RAL 3017	49/31060	RAL 3018	49/31050	RAL 3020	49/31040
RAL 3022	49/33700	RAL 3027	49/33660	RAL 3031	49/34730	RAL 4001	49/43160	RAL 4002	49/31030	RAL 4003	49/32270

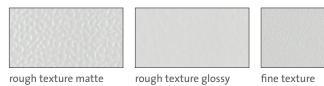
AL 4004	49/31020	RAL 4005	49/42780	RAL 4006	49/32090	RAL 4007	49/32540	RAL 4008	49/32280	RAL 4009	49/34740
AL 4010	49/40490	RAL 5000	49/42200	RAL 5001	49/42210	RAL 5002	49/42220	RAL 5003	49/42230	RAL 5004	49/42240 38/40004
AL 5005	49/43190	RAL 5007	49/42250 38/40007	RAL 5008	49/42260 38/40008	RAL 5009	49/42270	RAL 5010	49/42280	RAL 5011	49/43180 38/40011
AL 5012	49/43170	RAL 5013	49/42310 38/40013	RAL 5014	49/42320	RAL 5015	49/42330	RAL 5017	49/40760 38/40017	RAL 5018	49/41140 38/40020
AL 5019	49/42360 38/40019	RAL 5020	49/44270 38/40018	RAL 5021	49/41190 38/40021	RAL 5022	49/42390	RAL 5023	49/44650	RAL 5024	49/44660
AL 6000	49/53160 38/50000	RAL 6001	49/52900 38/50005	RAL 6002	49/52890	RAL 6003	49/52880 38/50003	RAL 6004	49/50980 38/50004	RAL 6005	49/50670 38/50002
AL 6006	49/52870 38/50006	RAL 6007	49/52860 38/50007	RAL 6008	49/53240 38/50008	RAL 6009	49/52840 38/50009	RAL 6010	49/52830 38/50031	RAL 6011	49/52820 38/50011
AL 6012	49/51540 38/50012	RAL 6013	49/52810 38/50013	RAL 6014	49/52800	RAL 6015	49/52790	RAL 6016	49/51020 38/50016	RAL 6017	49/52780 38/50017
AL 6018	49/52720 38/50018	RAL 6019	49/51000 38/50019	RAL 6020	49/52710 38/50020	RAL 6021	49/52700 38/50021	RAL 6022	49/52690 38/50022	RAL 6024	49/52680
AL 6025	49/52670	RAL 6026	49/52660 38/50026	RAL 6027	49/50990 38/50027	RAL 6028	49/52650 38/50028	RAL 6029	49/52640 38/50029	RAL 6032	49/52630 38/50032
AL 6033	49/55010 38/50033	RAL 6034	49/55020 38/50034	RAL 7000	49/72700 38/70000	RAL 7001	49/72710	RAL 7002	49/72720 38/70007	RAL 7003	49/72600

RAL 7004	49/73300 38/70004	RAL 7005	49/72590 38/70005	RAL 7006	49/72580 38/70006	RAL 7008	49/72570	RAL 7009	49/72770 38/70009	RAL 7010	49/72560 38/70014
AL 7011	49/72790 38/70011	RAL 7012	49/71180 38/70012	RAL 7013	49/72550 38/70013	RAL 7015	49/72820 38/70015	RAL 7016	49/72830 38/70016	RAL 7021	49/72540 38/70021
AL 7022	49/72850 38/70022	RAL 7023	49/72530 38/70023	RAL 7024	49/72870 38/70024	RAL 7026	49/72880 38/70026	RAL 7030	49/72890 38/70027	RAL 7031	49/72520 38/7003
AL 7032	49/72910 38/70001	RAL 7033	49/72510 38/70033	RAL 7034	49/72500	RAL 7035	49/73510 38/70035	RAL 7036	49/72950 38/70036	RAL 7037	49/72480 38/70037
AL 7038	49/72470 38/70038	RAL 7039	49/71020 38/70039	RAL 7040	49/75470 38/70046	RAL 7042	49/73250 38/70042	RAL 7043	49/72460 38/70043	RAL 7044	49/75480 38/7004
AL 7045	49/77890 38/70045	RAL 7046	49/72010 38/70002	RAL 7047	49/72020 38/70047	RAL 8000	49/66170	RAL 8001	49/66160 38/60005	RAL 8002	49/66150 38/60002
AL 8003	49/66140 38/60003	RAL 8004	49/66130 38/60004	RAL 8007	49/66120 38/60007	RAL 8008	49/66110 38/60008	RAL 8011	49/66100 38/60011	RAL 8012	49/66090 38/6001
AL 8014	49/65230 38/60010	RAL 8015	49/63040	RAL 8016	49/66080 38/60016	RAL 8017	49/65220 38/60017	RAL 8019	49/65490 38/60019	RAL 8022	49/63080 38/60022
AL 8023	49/66070 38/60023	RAL 8024	49/66060 38/60024	RAL 8025	49/66050 38/60025	RAL 8028	49/66500 38/60028	RAL 9001	49/10016 38/10001	RAL 9002	49/70520 38/10002
AL 9003	49/11400 38/10003	RAL 9004	49/81950 38/80004	RAL 9005	49/82830 38/80010	RAL 9010	49/11500 38/10004	RAL 9011	49/80540	RAL 9016	49/11340 38/10010

RAL 9017 49/80550 RAL 9018 49/72490 38/80017

# **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 FDA-compliant Grey FDA - 09/70339 gloss level 85±5 FDA-compliant FDA-compliant Grey FDA - 09/70339 gloss level 85±5 FDA - 09/10126 gloss level 90+ FDA - 09/10126 gloss level 20±5 FDA - 09/81760 FDA - 09/80291 gloss level 20±5 FDA - 09/80291 gloss level 20±5 FDA-compliant Grey FDA - 09/70339 gloss level 85±5 FDA-compliant Grey FDA-compliant Grey FDA-compliant Grey FDA-compliant Grey FDA - 09/70339 gloss level 20±5 FDA-compliant Grey FDA - 09/70339 gloss level 85±5 FDA-compliant Grey FDA - 09/70339 gloss level 90+ FDA-compliant Grey FDA - 09/70339 gloss level 85±5 FDA-compliant Grey FDA - 09/70339 gloss level 90+ FDA-compliant Grey FDA - 09/70339 gloss level 85±5 FDA-compliant Grey FDA - 09/70339 gloss level 90+ FDA-compliant Grey FDA-compliant Grey FDA - 09/70339 gloss level 85±5 FDA-compliant Grey FDA - 09/70339 gloss level 90+ FDA-compliant Grey FDA-compliant Grey