TIGER Drylac® Powder Coatings

Textured and smooth
Interior applications | based on RAL | Volume 2

green coating
A GREENER FINISH.
FOR A BETTER WORLD.
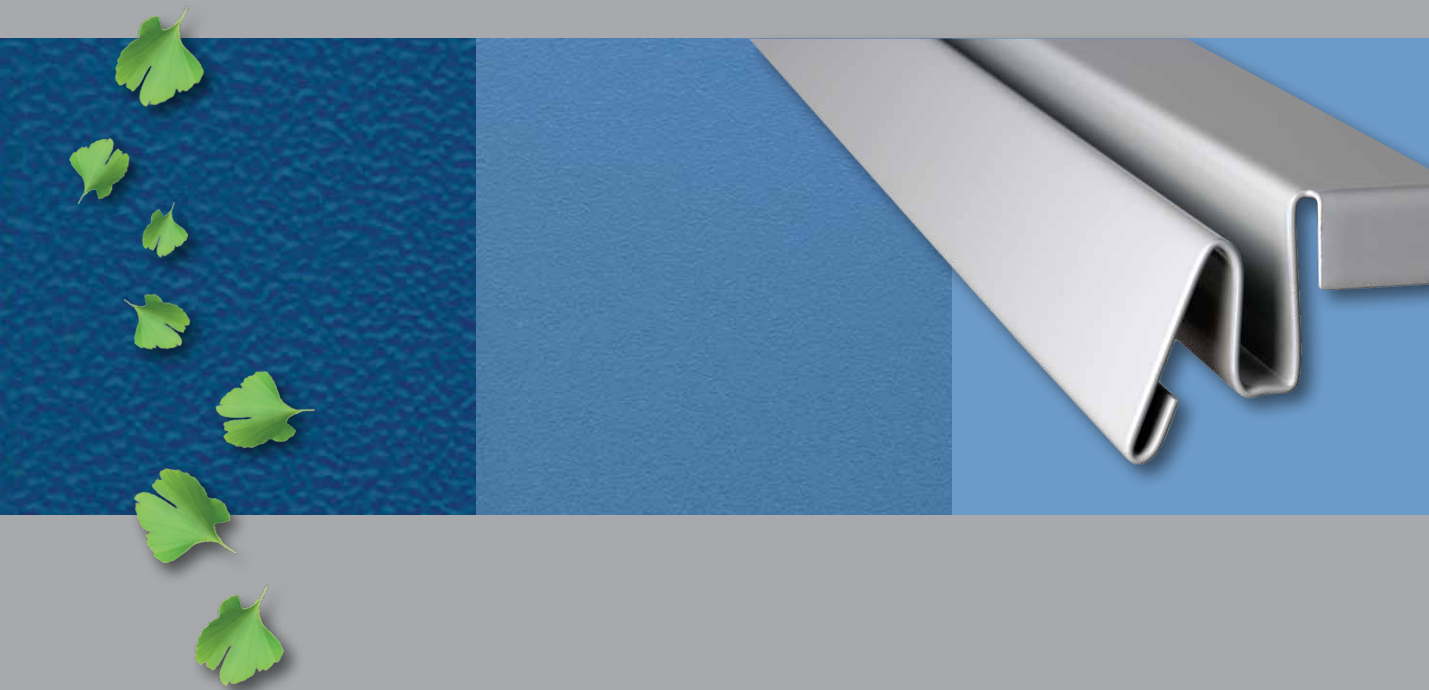
Powder coatings for interior industrial applications

The powder coating products featured in this color chart are intended for interior applications only. Top coating any of these products with a clear exterior grade powder coating will not produce a weather resistant coating system.

Each family of RAL colors is displayed grouped by connectors, showcasing the finishes and gloss levels of the specific RAL color family available in stock. It is possible to custom-match other RAL colors upon request.

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 10^6 to 10^9 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". 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 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.
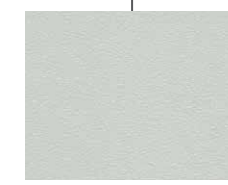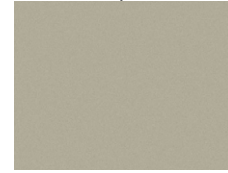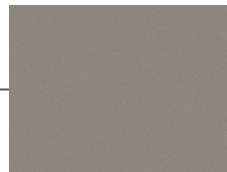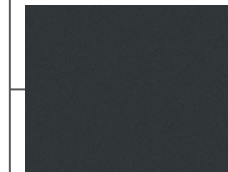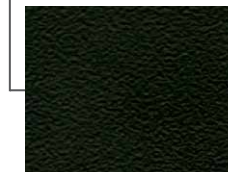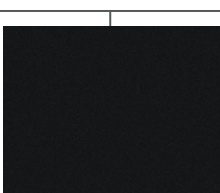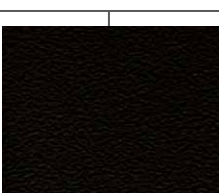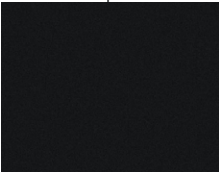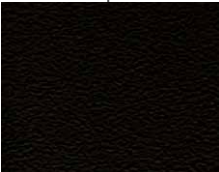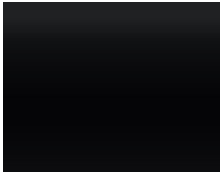
smooth matte
RAL 9003 | 09/10900
gloss level 20±5

smooth semigloss
RAL 9003 | 89/10950
gloss level 60±5

fine texture
RAL 9003 | 89/11020

rough texture matte
RAL 9003 | 09/10980

rough texture glossy
RAL 9003 | 89/10960

smooth matte
RAL 9001 | 09/10880
gloss level 20±5

smooth matte
RAL 9016 | 09/13120
gloss level 20±5

fine texture
APRX to RAL 9016 | 89/10420

smooth matte
RAL 9010 | 09/10120
gloss level 20±5

fine texture
RAL 9010 | 89/11030

fine texture
RAL 9001 | 89/11000

smooth semigloss
RAL 9016 | 89/13130
gloss level 60±5

rough texture glossy
RAL 9016 | 89/10430

smooth semigloss
RAL 9010 | 89/10110
gloss level 60±5

rough texture matte
RAL 9010 | 09/10130

rough texture matte
RAL 9001 | 09/10060

smooth matte
RAL 9002 | 09/10890
gloss level 20±5

fine texture
RAL 9002 | 89/11010

rough texture matte
RAL 9002 | 09/10090

FDA-compliant
White FDA | 09/10126
gloss level 90±

smooth matte
RAL 8014 | 09/60320
gloss level 15±5

rough texture matte
RAL 8014 | 09/60060

rough texture glossy
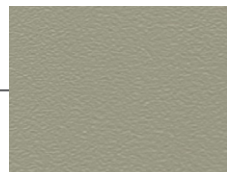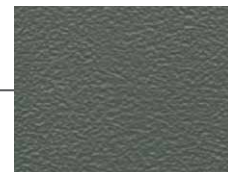RAL 8014 | 89/60050

fine texture
RAL 8019 | 89/60850

rough texture matte
RAL 8019 | 09/60160

smooth matte
RAL 1013 | 09/10870
gloss level 20±5

fine texture
RAL 1013 | 89/10990

smooth matte
RAL 1015 | 09/15380
gloss level 20±5

fine texture
RAL 1015 | 89/15430

rough texture glossy
RAL 1015 | 89/15080

rough texture matte
RAL 1013 | 09/10030

rough texture glossy
RAL 1013 | 89/10020

basedonRAL

smooth matte
RAL 7035 | 09/71230
gloss level 20±5

smooth semigloss
RAL 7035 | 89/71300
gloss level 60±5

fine texture
RAL 7035 | 89/71530

rough texture matte
RAL 7035 | 09/70230

rough texture glossy
RAL 7035 | 89/70220

smooth matte
RAL 7038 | 09/71240
gloss level 20±5

fine texture
RAL 7001 | 89/71460

fine texture
RAL 7032 | 89/71520

rough texture matte
RAL 7032 | 09/70200

rough texture glossy
RAL 7032 | 89/70190

fine texture
RAL 7038 | 89/71540

rough texture glossy
RAL 7001 | 89/71320

smooth semigloss
RAL 7012 | 89/71200
gloss level 60±5

smooth semigloss
RAL 7016 | 89/71260
gloss level 60±5

smooth matte
RAL 7021 | 09/71190
gloss level 20±5

rough texture matte
RAL 7038 | 09/71440

fine texture
RAL 7030 | 89/71500

fine texture
RAL 7012 | 89/71470

fine texture
RAL 7016 | 89/71480

fine texture
RAL 7021 | 89/71490

rough texture glossy
RAL 7038 | 89/71380

rough texture matte
RAL 7030 | 09/70160

rough texture matte
RAL 7012 | 09/71410

rough texture matte
RAL 7016 | 09/71420

rough texture matte
RAL 7021 | 09/70110

smooth matte
RAL 9005 | 09/80130
gloss level 20±5

smooth semigloss
RAL 9005 | 89/80400
gloss level 60±5

fine texture
RAL 9005 | 09/80160

rough texture matte
RAL 9005 | 09/80440

rough texture glossy
RAL 9005 | 89/80250

fine texture
RAL 9011 | 89/80410

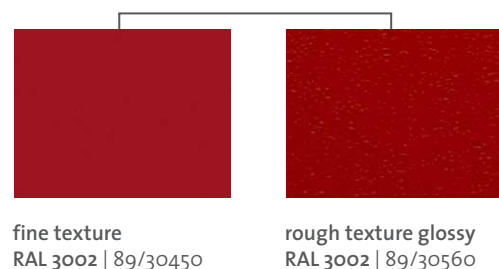**rough texture matte**
RAL 9011 | 09/80450

epoxy
Black Flatte Matte
69/80331 | gloss level 4±2

electrostatic dissipative
Black Conductive
09/81760 | gloss level 20±5

FDA-compliant
Black FDA | 09/80108
gloss level 85±5

smooth semigloss
RAL 7040 | 89/76930
gloss level 60±5

fine texture
RAL 7040 | 89/70630

rough texture glossy
RAL 7040 | 89/70640

fine texture
RAL 7044 | 89/70680

rough texture glossy
RAL 7044 | 89/70690

fine texture
RAL 5012 | 89/41070

fine texture
RAL 5009 | 89/41050

smooth semigloss
RAL 5010 | 89/40880
gloss level 60±5

fine texture
RAL 5010 | 89/41060

fine texture
RAL 5003 | 89/41040

rough texture matte
RAL 5012 | 09/40110

rough texture matte
RAL 5015 | 09/41130

rough texture matte
RAL 5010 | 09/41000

rough texture glossy
RAL 5010 | 89/40480

rough texture glossy
RAL 5003 | 89/40930

rough texture glossy
RAL 5012 | 89/40940

rough texture glossy
RAL 5015 | 89/41110

textured and smooth

fine texture
RAL 3002 | 89/30450
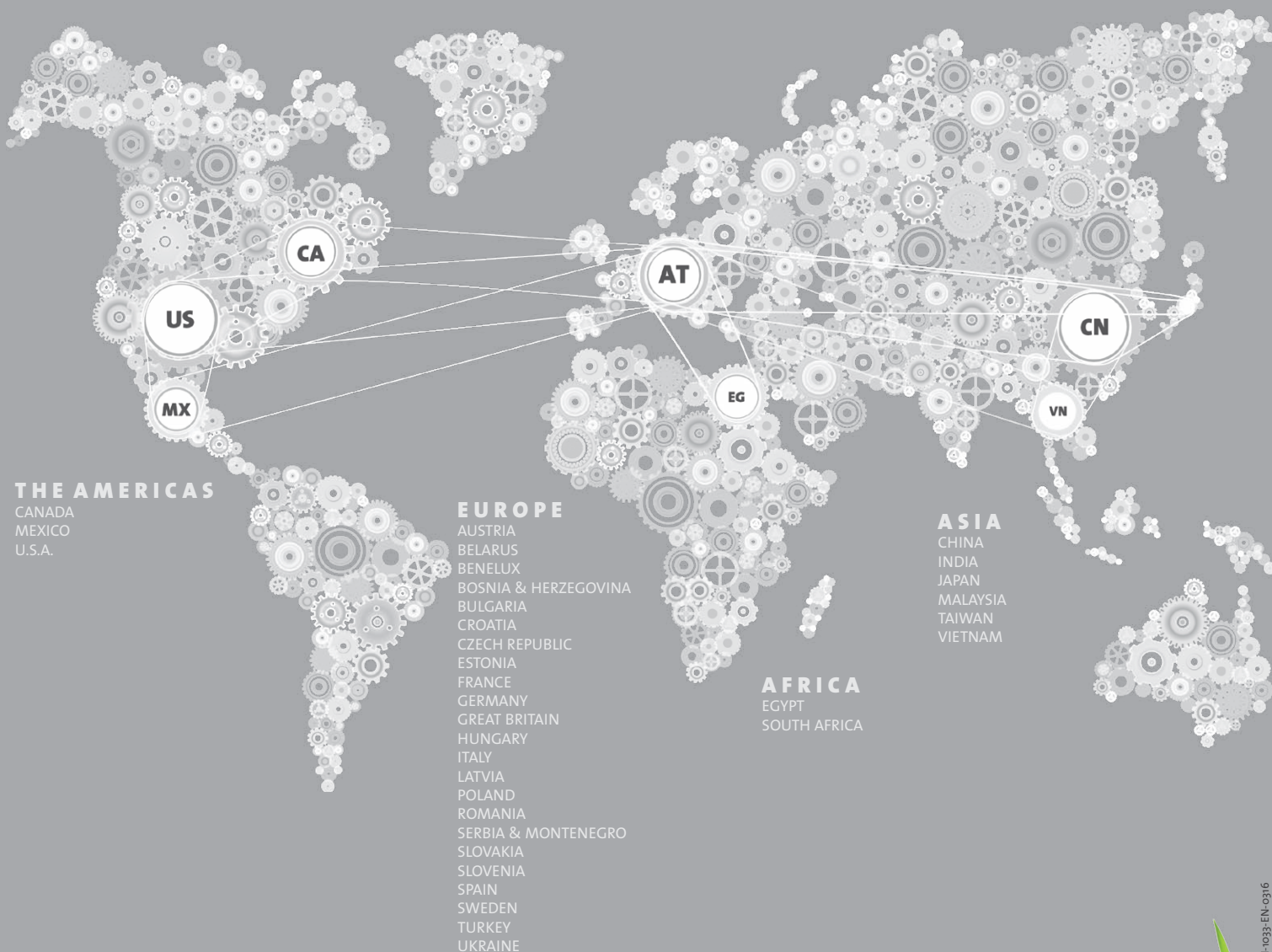
rough texture glossy
RAL 3002 | 89/30560

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 gloss level of the surface finish. Swatches have been matched to color standards at a **60-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®**.

FDA-compliant
Grey FDA | 09/70339
gloss level 85±5

rough texture glossy
RAL 1021 | 89/20120

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