

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.

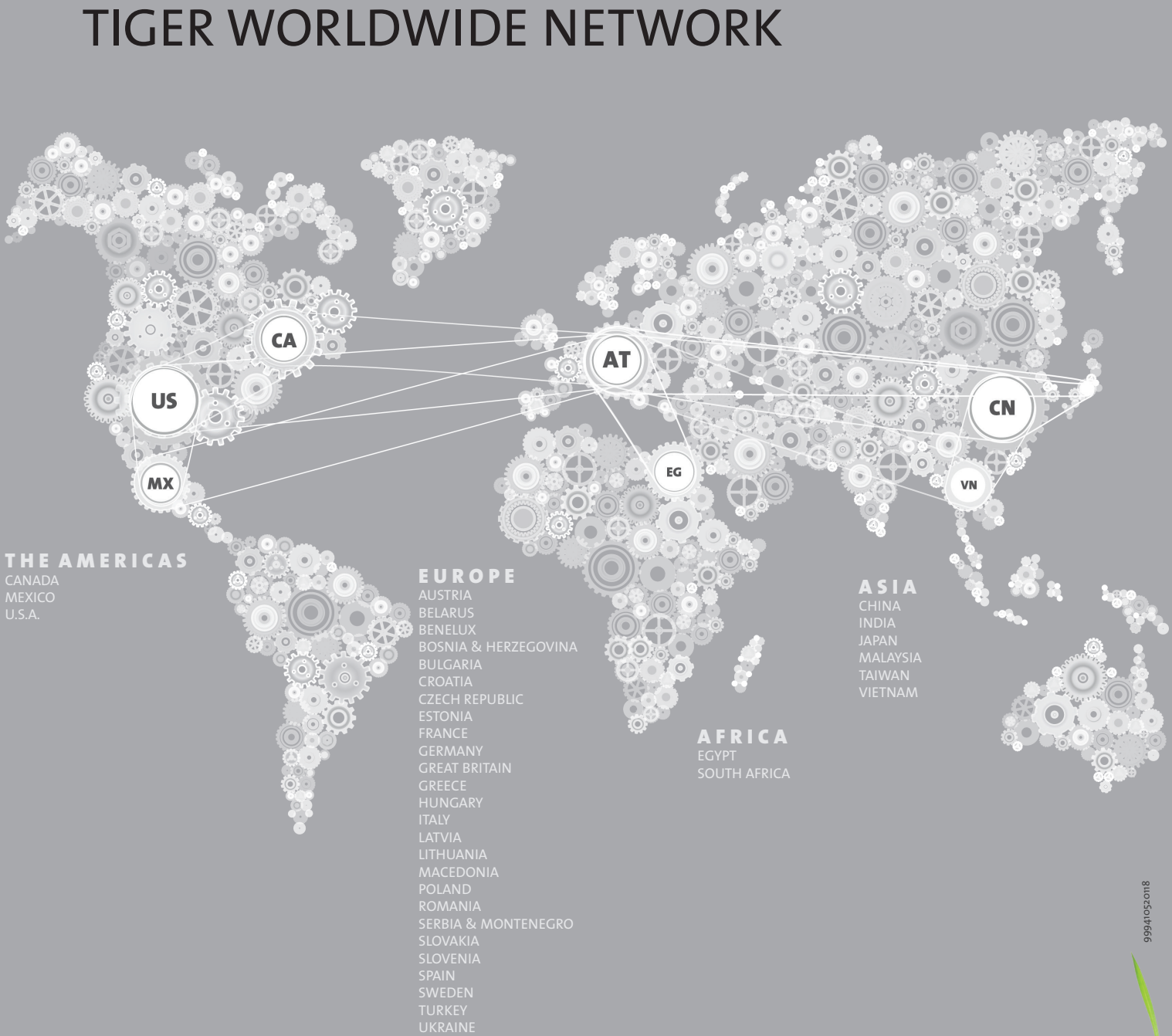
Specialties

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.

| 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         |



contact details available at  
tiger-coatings.com



Textured and Smooth  
Interior applications | based on RAL | Volume 3







rough texture matte

rough texture glossy



|                     |                                |                     |                     |                     |
|---------------------|--------------------------------|---------------------|---------------------|---------------------|
|                     |                                |                     |                     |                     |
|                     | RAL 1013 - 09/10030            | RAL 5010 - 09/41000 | RAL 5012 - 09/40110 | RAL 5015 - 09/41130 |
|                     |                                |                     |                     |                     |
| RAL 7012 - 09/71410 | RAL 7016 - 09/71420            | RAL 7021 - 09/70110 | RAL 7030 - 09/70160 | RAL 7032 - 09/70200 |
|                     |                                |                     |                     |                     |
| RAL 7035 - 09/70230 | RAL 7038 - 09/71440            | RAL 8014 - 09/60060 | RAL 8019 - 09/60160 | RAL 9001 - 09/10060 |
|                     |                                |                     |                     |                     |
| RAL 9002 - 09/10090 | RAL 9003 - 09/10980            | RAL 9005 - 09/80440 | RAL 9010 - 09/10130 | RAL 9011 - 09/80450 |
|                     |                                |                     |                     |                     |
| RAL 1013 - 89/10020 | RAL 1015 - 89/15080            | RAL 1021 - 89/20120 | RAL 3002 - 89/30560 | RAL 5003 - 89/40930 |
|                     |                                |                     |                     |                     |
| RAL 5010 - 89/40480 | RAL 5012 - 89/40940            | RAL 5015 - 89/41110 | RAL 7001 - 89/71320 | RAL 7032 - 89/70190 |
|                     |                                |                     |                     |                     |
| RAL 7035 - 89/70220 | RAL 7038 - 89/71380            | RAL 7040 - 89/70640 | RAL 7044 - 89/70690 | RAL 8014 - 89/60050 |
|                     |                                |                     |                     |                     |
| RAL 9003 - 89/10960 | RAL 9005 - 39/81420 <b>NEW</b> |                     |                     | RAL 9016 - 89/10430 |

fine texture

|                     |                     |                     |                     |                     |
|---------------------|---------------------|---------------------|---------------------|---------------------|
|                     |                     |                     |                     |                     |
| RAL 1013 - 89/10990 | RAL 1015 - 89/15430 | RAL 3002 - 89/30450 | RAL 5003 - 89/41040 | RAL 5009 - 89/41050 |
|                     |                     |                     |                     |                     |
| RAL 5010 - 89/41060 | RAL 5012 - 89/41070 | RAL 7001 - 89/71460 | RAL 7012 - 89/71470 | RAL 7016 - 89/71480 |
|                     |                     |                     |                     |                     |
| RAL 7021 - 89/71490 | RAL 7030 - 89/71500 | RAL 7032 - 89/71520 | RAL 7035 - 89/71530 | RAL 7038 - 89/71540 |
|                     |                     |                     |                     |                     |
| RAL 7040 - 89/70630 | RAL 7044 - 89/70680 | RAL 8019 - 89/60850 | RAL 9001 - 89/11000 | RAL 9002 - 89/11010 |
|                     |                     |                     |                     |                     |
| RAL 9003 - 89/11020 | RAL 9005 - 09/80160 | RAL 9010 - 89/11030 | RAL 9011 - 89/80410 | RAL 9016 - 89/10420 |

## FDA-compliant | electrostatic dissipative | epoxy

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

smooth matte

smooth semigloss

|   |   |   |   |
|---|---|---|---|
|   |   |   |   |
| RAL 1013 - 09/10870<br>gloss level 20±5 | RAL 1015 - 09/15380<br>gloss level 20±5 | RAL 7021 - 09/71190<br>gloss level 20±5 | RAL 7035 - 09/71230<br>gloss level 20±5 |
|   |   |   |   |
| RAL 7038 - 09/71240<br>gloss level 20±5 | RAL 8014 - 09/60320<br>gloss level 15±5 | RAL 9001 - 09/10880<br>gloss level 20±5 | RAL 9002 - 09/10890<br>gloss level 20±5 |
|   |   |   |   |
| RAL 9003 - 09/10900<br>gloss level 20±5 | RAL 9005 - 09/80130<br>gloss level 20±5 | RAL 9010 - 09/10120<br>gloss level 20±5 | RAL 9016 - 09/13120<br>gloss level 20±5 |
|   |   |   |   |
| RAL 5010 - 89/40880<br>gloss level 60±5 | RAL 7012 - 89/71200<br>gloss level 60±5 | RAL 7016 - 89/71260<br>gloss level 60±5 | RAL 7035 - 89/71300<br>gloss level 60±5 |
|   |   |   |   |
| RAL 7040 - 89/76930<br>gloss level 60±5 | RAL 9003 - 89/10950<br>gloss level 60±5 | RAL 9005 - 89/80400<br>gloss level 60±5 | RAL 9010 - 89/10110<br>gloss level 60±5 |

### 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 **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®**.

### 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.

*\* All products presented in this color chart are approximate to the RAL standard.*

