

SUPER DURABLE ANODIZED LOOK

System comparison between anodizing and TIGER Drylac® Series 68 powder coating

	TIGER Drylac® polyester powder coating	Electrolytic oxidation of aluminum
Trade name	TIGER Drylac® Series 68	Anodizing
Technology	Super durable powder coating 100% solids content, 0% solvents	Electrolytic oxidation of aluminum
Standard	GSB Florida 3 years and/or QUALI-COAT class 2*	QUALANOD
Chemical structure	Chemically crosslinked, thermoset coating	Creating a thin, hard, crystalline protective layer
Layer structure	1-coat system	No layer formation but, transformation of the upper aluminum layer by anodic oxidation
Average dry film thickness	60-80 µm depending on color/effect	5-25 µm depending on application
Resistance to solar radiation	Very good	Very good
Finish and gloss	Smooth, matte to flat matte	Smooth, matte to glossy (depending on chemical and mechanical pre-treatment) Mechanical post-processing possible
Substrate	Aluminum, steel etc.	Aluminum
Color selection	Pigmented (limited) and metallic effects	Strongly limited
Edge coverage	Very good	Excellent
Recovery	Recovery, increased eco-efficiency	Immersion process, no recovery necessary
Pretreatment	Chromium-6-free pretreatment*	Alkaline pickling and acid post-treatment
Solvent content in %	0%	0%
Volatile organic compounds (VOCs)	No	No

*See general product data sheet for TIGER Drylac® Series 68 (No. 1153)

The above brief overview is non-binding, is intended to inform the user and reflects the essential differences between various surface finishing solutions. The values shown in the table refer exclusively to the anodized products within the TIGER Drylac® Series 68 product line (as of April 2023). The product data sheet of the TIGER Drylac® Series 68 (latest version) is an integral part of this comparison (www.tiger-coatings.com/download).



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Super durable powder coating in anodized look

Matte | Flat matte | Series
68

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Panel Order

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Highly weather-resistant powder coating in anodized look

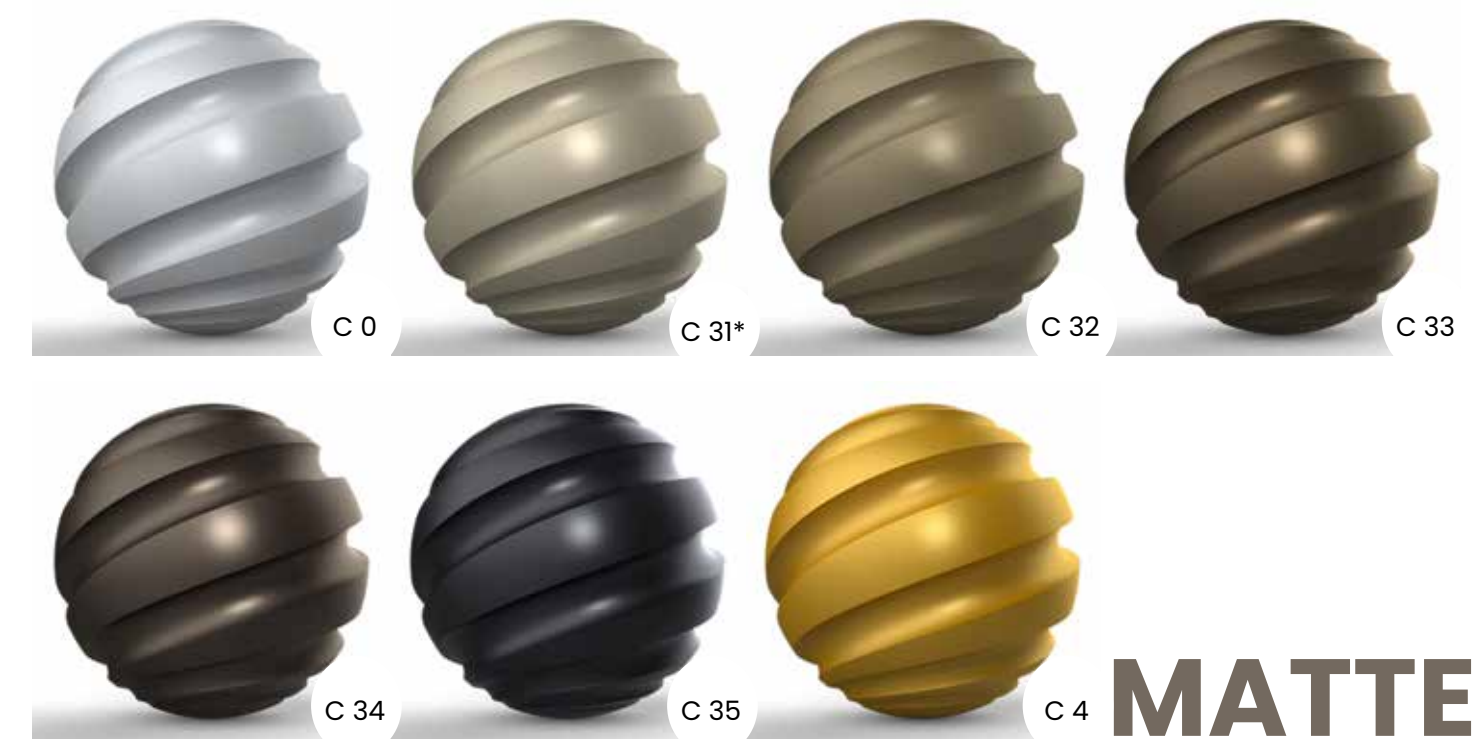
It's hard to imagine creative architecture and design without anodized finishes. They refine and decorate an object and protect it from external influences. However, the electrolytic process of anodic oxidation can only be applied to aluminum, is costly and energy-intensive, and in many cases demonstrates insufficient color homogeneity on different substrates.

This is where the **powder coatings from TIGER** come into play: Our super durable TIGER Drylac® Series 68 product line underscores the high demands of the architectural and facade industries for performance of building envelopes worldwide. The anodized portfolio includes numerous shades for smooth finishes in matte and flat matte aesthetic. The application is not limited to aluminum. Steel and galvanized steel can also be coated in a refined anodized look—cost-effectively and in just one coat.

- Anodized colors on steel, galvanized steel and aluminum
- Wide variety of effects
- Super durable
- Outstanding cost-efficiency
- Application in 1-coat system
- Good color homogeneity on profiles and sheets
- Uniform hue on all substrates
- High batch consistency
- Recyclable
- Environmentally friendly

TIGER Drylac® anodized effects

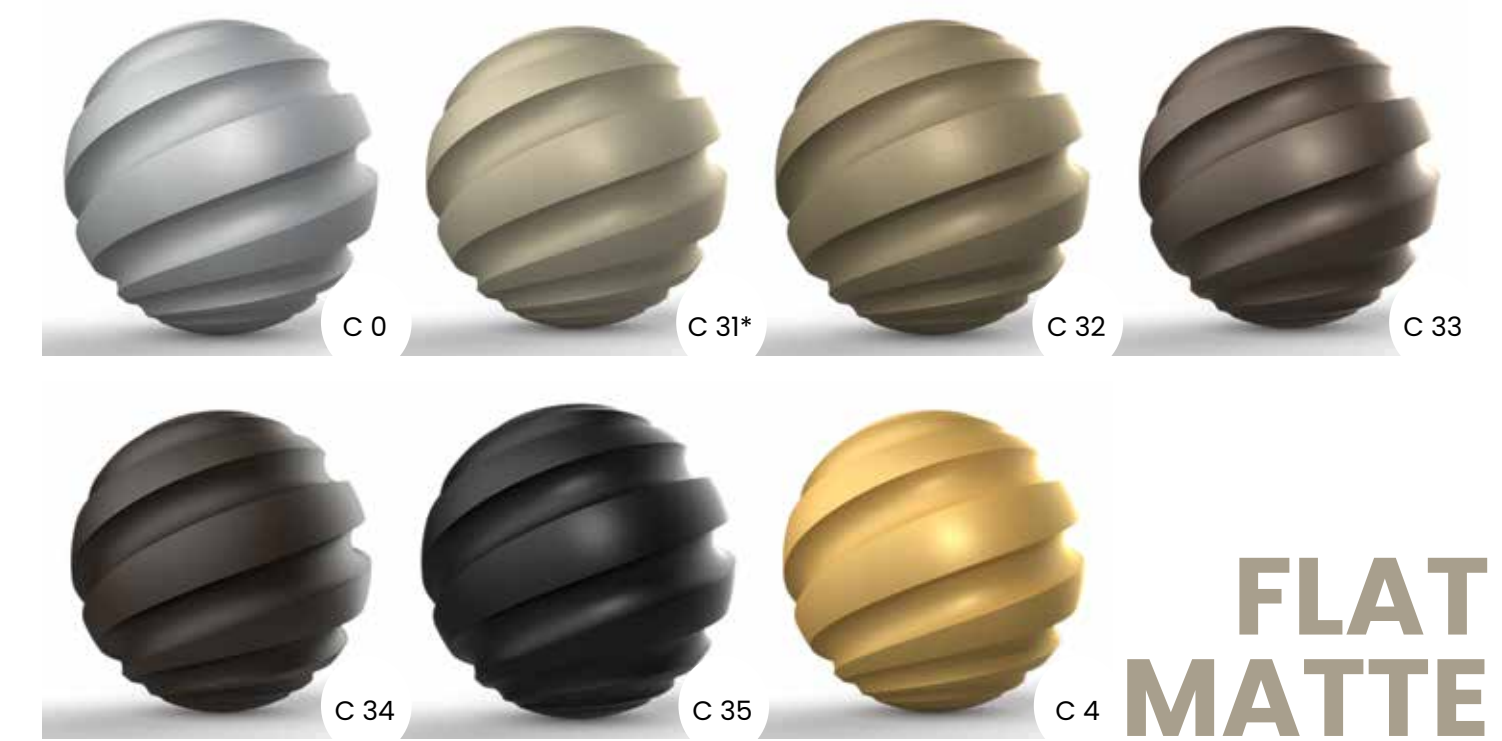
Series 68 **matte**



MATTE

Based on EURAS	Natural / anodized silver C 0	Light bronze C 31*	Bright bronze C 32	Medium bronze C 33	Dark bronze C 34	Black C 35	Dark gold C 4
Based on VOA (outdated)	EV1	EV2	EV3	EV4	EV5	EV6	---
Product ID	68/90179 MET/MT B approx. C 0 anodized	68/90177 MET/MT B approx. C 31 anodized	68/15069 MET/MT B approx. C 32 anodized	68/60307 MET/MT B approx. C 33 anodized	68/60306 MET/MT B approx. C 34 anodized	68/80145 MET/MT B approx. C 35 anodized (Black Anodized 54B)	68/90405 MET/MT C approx. C 4 anodized
GSB Florida 3	174k						
QUALICOAT Class 2	P-0834						

Series 68 **flat matte**



FLAT MATTE

Based on EURAS	Natural / anodized silver C 0	Light bronze C 31*	Bright bronze C 32	Medium bronze C 33	Dark bronze C 34	Black C 35	Dark gold C 4
Based on VOA (outdated)	EV1	EV2	EV3	EV4	EV5	EV6	---
Product ID	68/90510 MET/FMT B approx. C 0 anodized	68/90512 MET/FMT B approx. C 31 anodized	68/15235 MET/FMT B approx. C 32 anodized	68/60959 MET/FMT B approx. C 33 anodized	68/60960 MET/FMT B approx. C 34 anodized	68/80479 SM/FMT approx. C 35 anodized	68/90513 MET/FMT B approx. C 4 anodized
QUALICOAT Class 2	P-1547						

*Effect C 31 Anodized not suitable for e-coat applications. For primer applications, use only in combination with TIGER Drylac® Primer Series 273 - see technical data sheet.

MET/MT = Metallic matte | MET/FMT = Metallic flat matte | SM/FMT = smooth flat matte
Metallic effects: Please observe the instructions for application categories A-D in accordance with Technical Data Sheet No. 44.