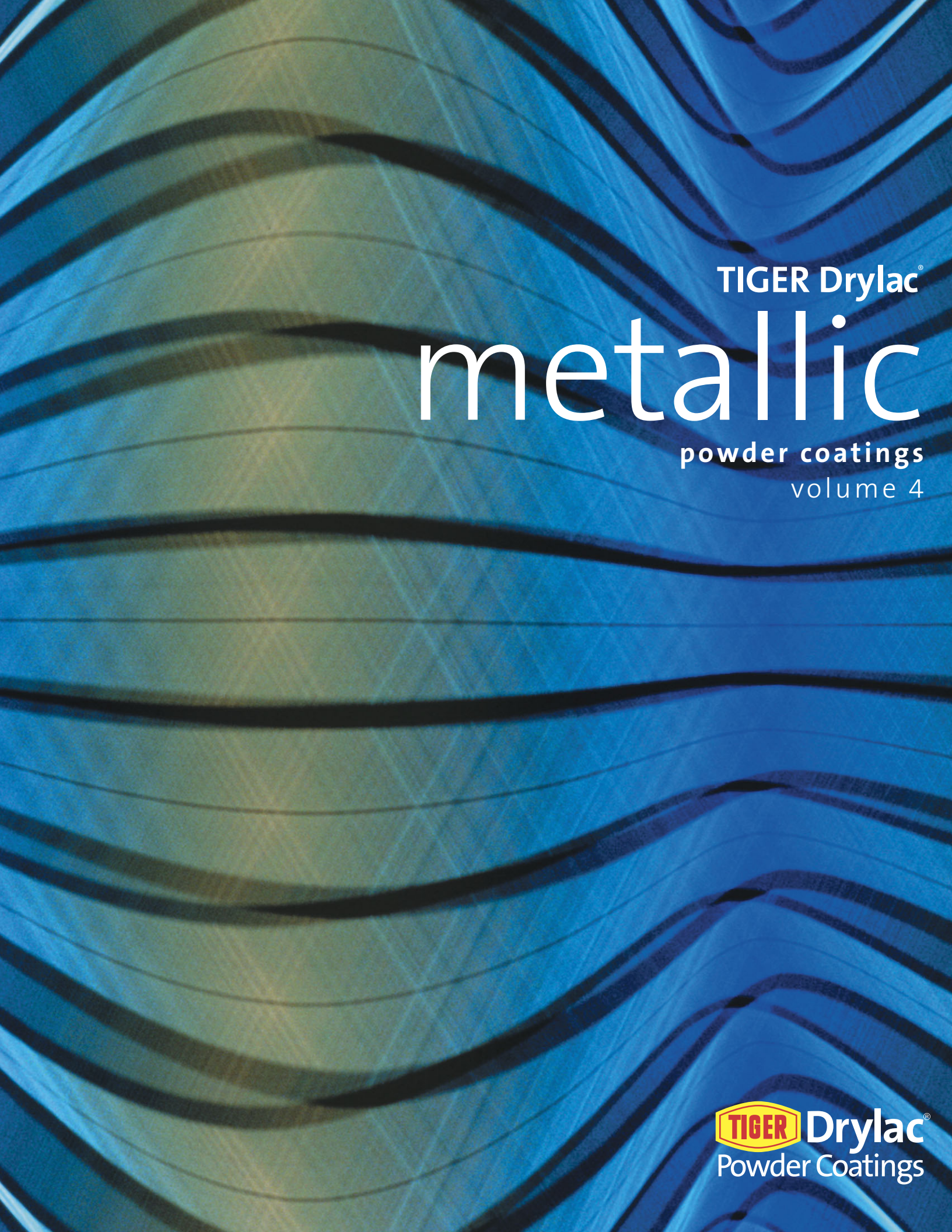

TIGER Drylac®

metallic

powder coatings

volume 4

TIGER Drylac®
Powder Coatings

TIGER Worldwide Network

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POWDER COATED TOUGH™

notes

Colors and textures have been matched as close as possible. Paper and ink limitations, as well as influence of heat and light, account for differences from actual coatings. To aid in final product selection please contact your local TIGER Drylac office for a powder coated sample panel of the product of your choice.

Datasheets: Periodically updated datasheets, showing cure parameters, test results, pretreatment information and more are available for all products in this chart. Please contact your local TIGER Drylac office or visit www.tiger-coatings.com for the most current edition.

Important: Caution must be exercised when working with metallic powder coatings! Guidelines for Application of Metallic Powder Coatings are packed with each box of our metallic powder coatings. They are also available by contacting your nearest TIGER office or downloading from our website (see Application Guidelines for both Metallics and Brilliant Metallics in Products & Applications / General Industry area of our Web site).

Application Equipment: Generally Corona equipment is recommended, as very few metallic powder coatings are suitable for Tribo application. Suitability must be verified by the applicator. Metallic Products should be sprayed from fluidized hoppers; box feeders are not recommended.

Package Size: All metallic powder coatings are packed in 44 lb. boxes or 5 lb. mini packs.

More Stocked Metallic Powder Coatings can be found in our Series 38 Super Durable Polyester, TIGER Specialties and Special Effect charts. For Approved Applicators, additional choices are available in our Architectural Series brochures (Series 75, 58, 29).

Custom Colors: Should our vast selection of standard finishes not be exactly what an application calls for, we will be happy to provide custom colors (220 lb. minimum order) with quick 7 to 10 day turn around times.

c US All (stock and custom) TIGER Drylac Series 39 and Series 49 products, made in the US and Canada are periodically re-certified and carry the UL (Underwriter Laboratory) Recognized Component Mark (Spec DTOV2.MH27573). This UL mark is for all equipment and products intended for the US and Canadian market.

2nd Generation Bonded Metallics: TIGER Drylac metallics are bonded with our proprietory state-of-the-art 2nd Generation Bonding process. The bonding of metallic pigments to the base material offers unique advantages over conventional dry blending. This process, though costly, affords an even distribution of pigments for a more uniform finish, overcomes particle segregation during transport and storage, and greatly eases powder application. Plus it changes the metallic powder into a recycling consistent material, suitable for reclaim (see application guidelines for metallic powder coatings).

RAL Numbers: All RAL numbers are approximate to the RAL Standard.

OGF: Several Out-Gassing Forgiving products are offered in our standard product line. All of our metallic products can be custom made in an "OGF," or out-gassing forgiving formulation, for porous or out-gassing prone substrates, like forged, cast, hot galvanized or aluminum flame-sprayed parts as well as fired clay and ceramic products. Also, an OGF Additive can be purchased to add to any of our powder coatings. For larger quantities however, we recommend producing the color of your choice in an OGF formulation on a custom basis.

continued

Legend: This brochure shows a combination of exterior and interior products. All exterior products are also suitable for interior use. However, interior products (Series 09 and 69) do not offer adequate UV resistance for exterior applications. Please note: A clear top coat will not increase UV resistance. Please see our product number matrix in this brochure for more information.

• We recommend a clear coat for all interior and exterior products marked with this symbol to increase durability and chemical resistance. All other products are one-coat.

• This is a 1-coat product; however we suggest a clear coat to enhance the depth of the finish.

Silver: We offer a large selection of interior and exterior, one-coat and two-coat silver and chrome finishes. Clear coats are recommended where indicated by a (red dot). Please consult our product matrix in this brochure for interior vs. exterior suitable product lines/ chemistries. A variety of clear coat choices is available (see listing in this brochure).

Iron Glimmer: Smooth and fine textured exterior Iron Glimmers have that metallic look, but little or no metallic content, making this product the perfect one coat finishing solution.

Pearlescent White offers reflective metallic values, reminiscent of a natural pearl. More pearl effect stock colors can be found in our Series 38 Super Durable color chart.

Glitter: We offer Gold, Silver and Twilight Glitter powder coatings, which are sparkling metallic flakes suspended in a clear coat. Twilight Glitter sparkles in many colors. They can be applied over a base coat of any color for a variety of effects.

Holographic powder coatings offer a beautiful ever changing range of colors, depending on the angle of viewing. Blue Stardust is a transparent coating with multicolored holographic pigments. Black Stardust is a non-transparent powder with multicolored holographic pigments. We recommend clear coating to give more depth to the finish.

Antique or Vein powder coatings are offered as interior Hybrids (Series 09) for which a clear coat is recommended, or as 1-coat exterior grade Polyester.

Metallic: Many choices of colors are available as stock products in one and two coat formulations. We recommend clear coating of the Series 09 interior products.

Clear Coat products available:

38/00001 Clear Glossy	Super Durable Polyester	(Exterior and Interior)
49/01234 Bengal Clear Glossy	TGIC Polyester	(Exterior and Interior)
49/00530 Clear Glossy	TGIC Polyester	(Exterior and Interior)
49/00280 Clear Semi-gloss	TGIC Polyester	(Exterior and Interior)
16/00030 Clear Matte	Acrylic Hybrid	(Exterior and Interior)
44/00003 Anti-graffiti Clear Glossy	Polyester-Urethane	(Exterior and Interior)
69/00300 Clear Ice Matte	Epoxy	(Interior)

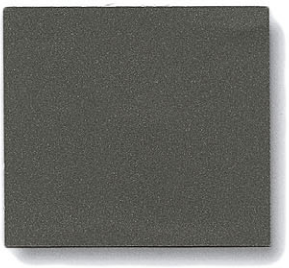
TIGER Drylac U.S.A., Inc. Product Number Matrix

Series 09	Interior only	Polyester-Epoxy Blend (Hybrid)
Series 16	Exterior and Interior	Acrylic Hybrid
Series 29	Exterior and Interior	TGIC-Free Polyester (Architectural Grade)
Series 38	Exterior and Interior	Super Durable Polyester
Series 39	Exterior and Interior	TGIC Polyester
Series 44	Exterior and Interior	Polyester Urethane
Series 49	Exterior and Interior	TGIC Polyester
Series 58	Exterior and Interior	TGIC-Free Super Durable Polyester (Architectural Grade – available to approved applicators only)
Series 59	Exterior and Interior	TGIC-Free Polyester
Series 68	Exterior and Interior	TGIC-Free Super Durable Polyester
Series 69	Interior only	Epoxy
Series 75	Exterior and Interior	Fluoropolymer (Architectural Grade – available to approved applicators only)
Series 89	Interior only	Polyester-Epoxy Blend (Hybrid) Low/Fast Cure

and guidelines

metallics

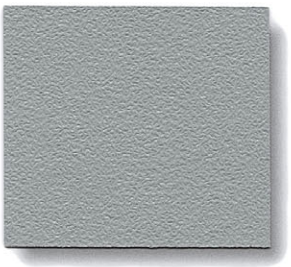
Silver



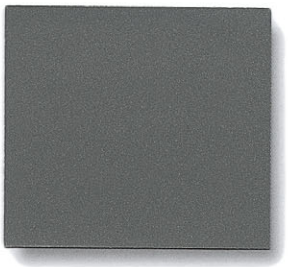
RAL 9007 Gloss Silver
09/90460 ●

Xtreme Chrome
49/90177 ●

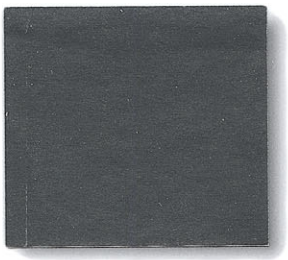
Mirror Silver
49/91260 ●



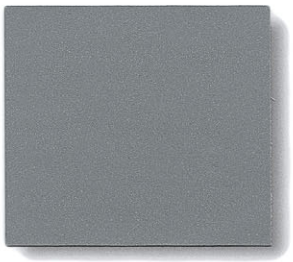
Silver Fine Texture
09/90530 ●



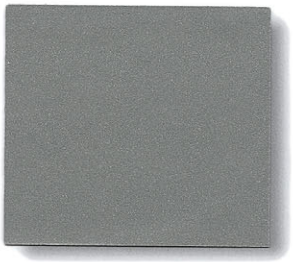
Silberdillo
49/90201 ●



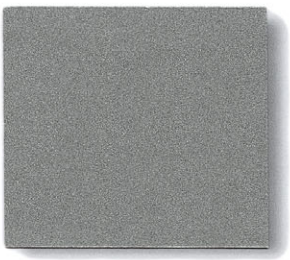
Chrome OGF
49/91312 ●



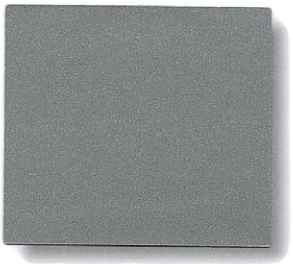
Marine Silver One Coat
38/90010



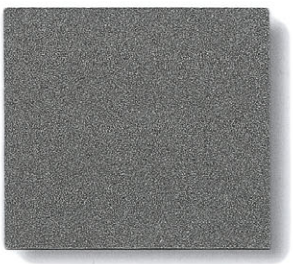
Standard Silver
49/90380 ●



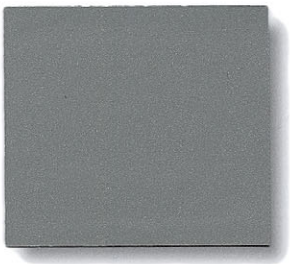
Silver Matte One Coat
49/92380



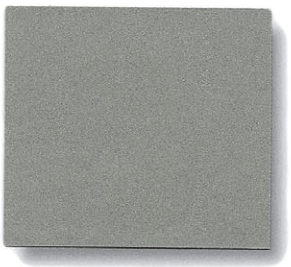
Anodized Silver
38/91020



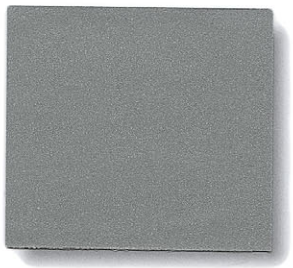
Sparkle Silver
49/90450 ●



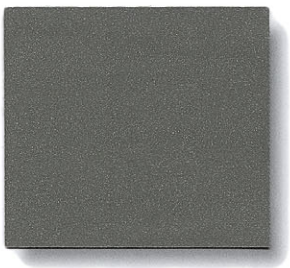
No-Smudge Silver
49/92790 ●



Silver
39/90000



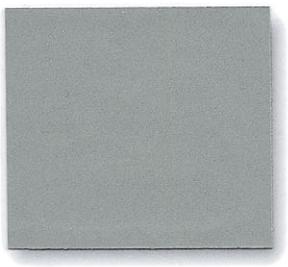
Silver Matte
49/90500 ●



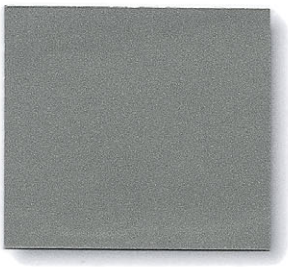
RAL 9007 Silver Gloss
49/92880 ●

*Paper and ink limitations of color samples as well as influence from heat and light account for differences from actual powder coatings.

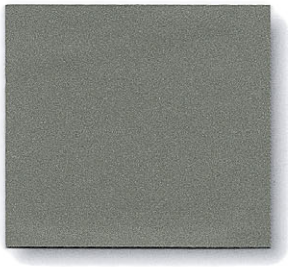
Iron Glimmer
(starts below)



RAL 9006 Gloss One Coat
49/92890

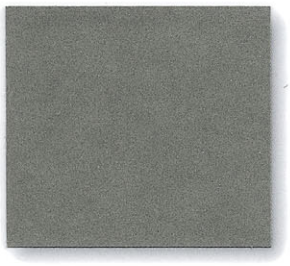


Epoxy Silver Matte
69/91390 •

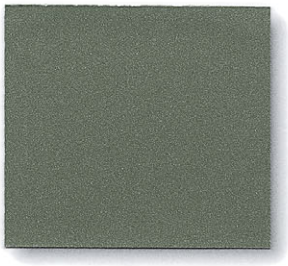


P 3 Glimmer
49/70200

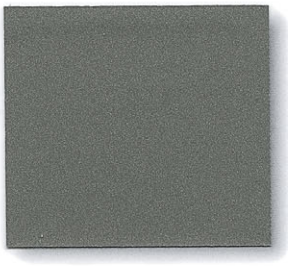
P 14 Glimmer
49/70230



Silver Gloss One Coat
49/92900

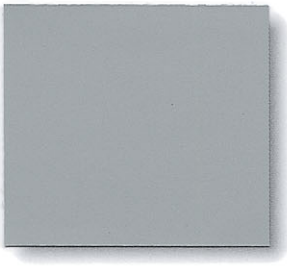


DB 601 Glimmer
49/50100

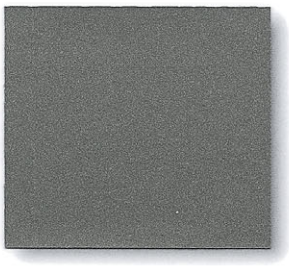


P 4 Glimmer
49/70220

Terra Fine Texture Glimmer
49/60731



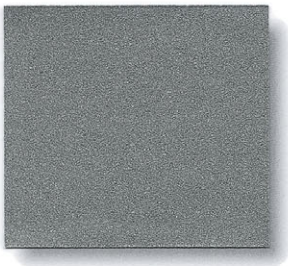
RAL 9006 Matte One Coat
49/92910



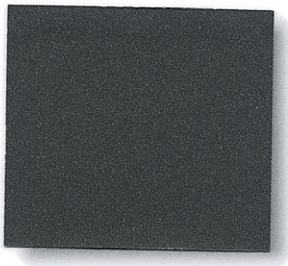
DB 702 Glimmer
49/77790

P 5 Glimmer
49/80180

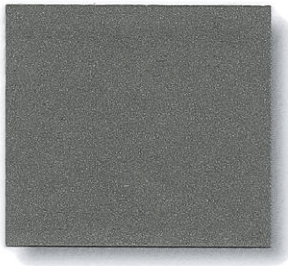
Anthracite Fine Texture Glimmer
49/71334



Bengal Silver
49/99999

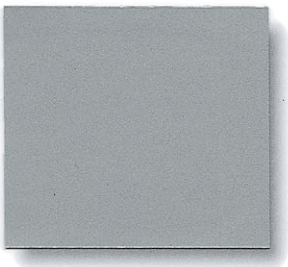


DB 703 Glimmer
49/84340

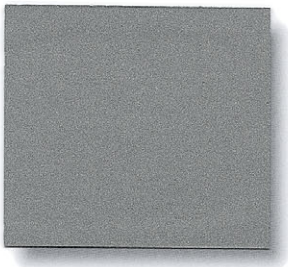


P 6 Glimmer
49/70210

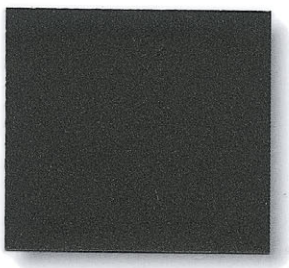
US1 Fine Texture Glimmer
49/70785



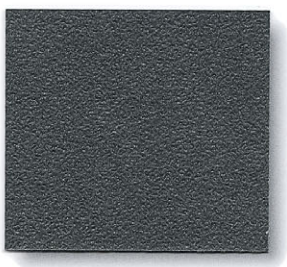
RAL 9006 One Coat Gloss
59/93370



P 2 Glimmer
49/70190



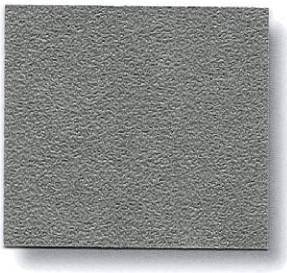
P 7 Glimmer
49/80190



US2 Fine Texture Glimmer
49/70787

*Paper and ink limitations of color samples as well as influence from heat and light account for differences from actual powder coatings.

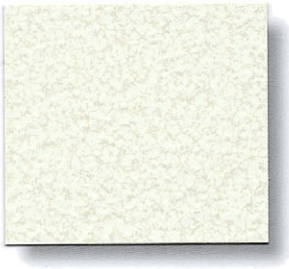
Glitter
Antique/Vein
Holographic



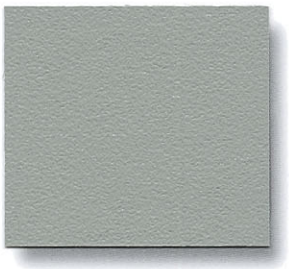
DB 702 Fine Texture Glimmer
49/70789

Gold 49/00310 shown over
RAL 3005 Basecoat 49/31900

White Hybrid
09/90160 •



White
49/10363



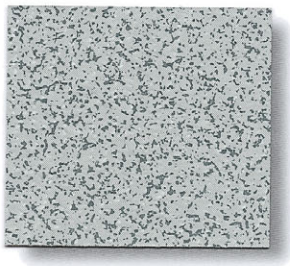
US3 Fine Texture Glimmer
49/90141

Silver 49/00320 shown over
RAL 5003 Basecoat 49/42230

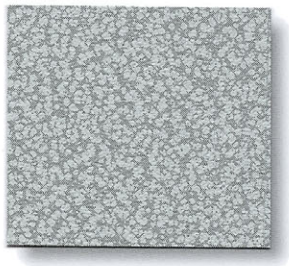
Copper Hybrid
09/90180 •

Copper
49/90620

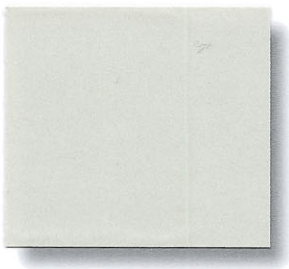
Twilight 49/00390 shown over
Black Basecoat 49/82830



Grey Hybrid
09/90170 •



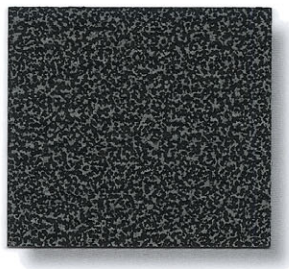
Grey
49/10364



Pearlescent White
49/18140

Blue Stardust 49/40001
Clear Topcoat (shown over Silver basecoat)

Silver Hybrid
09/90190 •



Silver
49/93240

Black Stardust 49/90009
Clear Topcoat

Gold Hybrid
09/90200 •

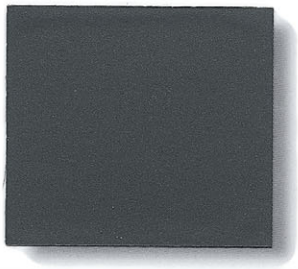
Gold
49/91190

*Paper and ink limitations of color samples as well as influence from heat and light account for differences from actual powder coatings.

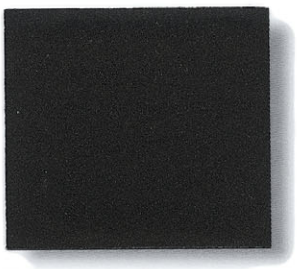
Metallic

metallics

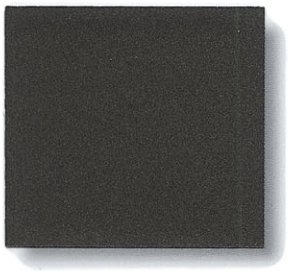
Jeans Metallic
09/40670 •



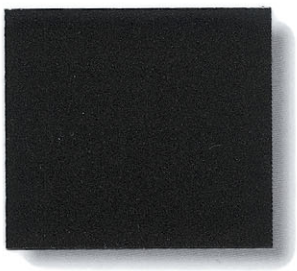
Grey Metallic
09/80340 •



Bronze C34 One Coat
49/66220

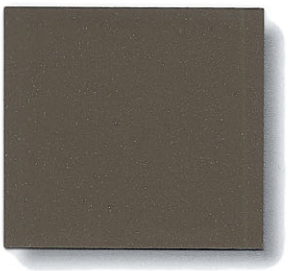


Bronze Metallic
09/60600 •

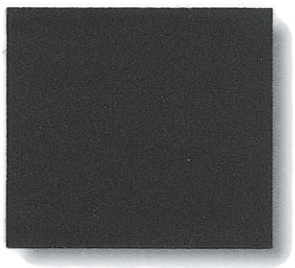


Statuary Bronze
38/60080 30±5*

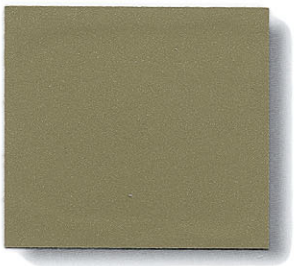
Brown C33 One Coat
49/66230



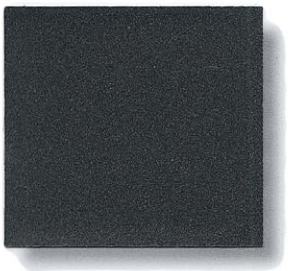
Beige Metallic
09/60610 •



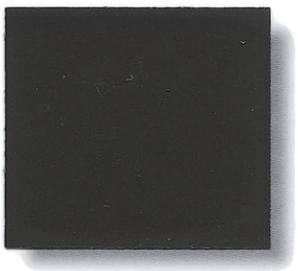
Bronze Matte
39/60020



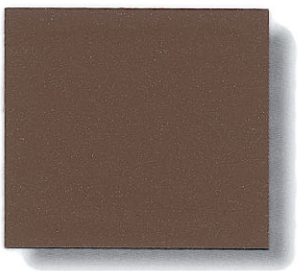
Sahara Gold
49/90137



Anthracite Metallic
09/80170 •

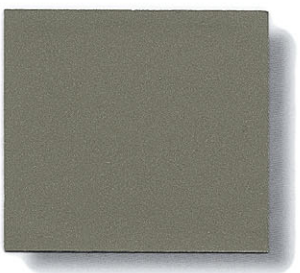


Roman Bronze
39/60060 20±5*

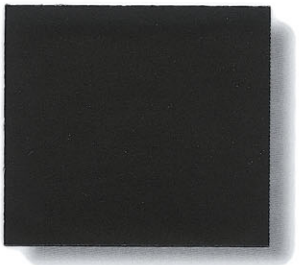


Copper Metallic
49/92780 •

Anthracite Fine Texture Metallic
49/79680



Beige C32 One Coat
49/15240



Oil Rubbed Bronze
69/60040 5±2*

*Gloss level according to Gardner 60° ASTM D523