PROTOCASE
Rapid Electronic Enclosure Solutions

Contrast Between Silk Screen and Powder Coat Colors

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Contrast – silk screen and powder coat colors

Introduction

Silk screen can be anything from simple labels for connectors, switches, ports to special graphics such a company logos or even the product identifier graphics. Selection of colors for the silk screen as well as the powder coat is very important to a company as the colors play an important role on the brand identity/recognition. As the silk screen is screened on top of the powder coat color there is always an issue of low and high contrast. For an example dark blue silk screen color will not look good with black powder coat.

This tutorial is intended to

- Demonstrate you some of the best and worst combination of silk screen and powder coat colors; and
- Help you to decide the choice of color on your enclosure

As simple rules of thumb - bright doesn't go with bright and dark doesn't go with dark. Below we will show you the various combinations of silk screen and powder coat colors.

What Does the Graphic Say?

Each image contains foreground colors, background color and text. The background color represents the powder coat color where as the foreground color represents the standard silk screen colors we offer.

The letters A, B, C or D placed below the silk screen colors show how we grade the contrast (combination) of the silk screen colors with its background color (the powder coat color). However, each individual may have different grades. The letter A would mean that the silk screen color suits the powder coat color and is highly recommended where as the letter D is not recommended.
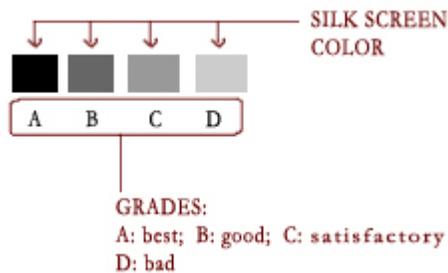

Contrast

Note: The color representations below may deviate from the actual color due to variations in browser software, video cards, and monitors.

Powder coat color - Aero yellow (smooth semi gloss)

Powder coat color - ANSI 70 (smooth semi gloss)

A	B	B	C	B	A	B	B	A	B	A	A
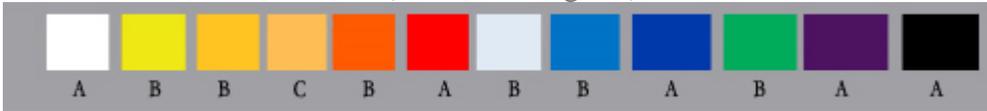
Powder coat color - ANSI 61 (smooth semi gloss)

A	B	B	B	B	A	B	B	A	B	B	B
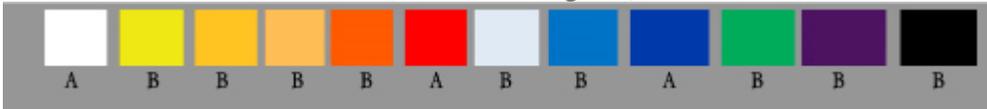
Powder coat color - Retro (smooth semi gloss)

A	A	A	A	B	B	A	C	B	C	C	C

Powder coat color - White sandtex

D	C	B	C	B	A	D	B	A	B	A	A

Powder coat color - Storm white (textured)

D	C	B	C	B	A	D	B	A	B	A	A

Powder coat color - Almond (smooth semi gloss)

D	C	B	C	B	A	D	B	A	B	A	A
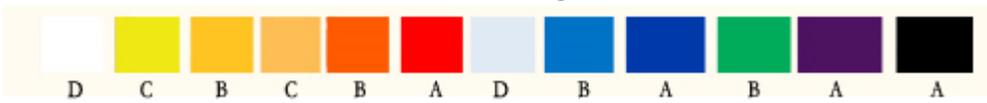
Powder coat color - Beige wheat (textured)

B	C	C	C	B	B	B	B	A	B	A	A
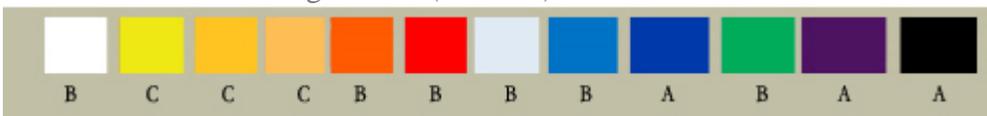
Powder coat color - Graphite sandtex

A A A A B B A C C C C D

Powder coat color - Black (smooth semi gloss)

A A A A B B A B D B C D

Powder coat color - Black (smooth matte)

A A A A A A A A D B C D

Powder coat color - Black sandtex

A A A A A A A B D B C D

Powder coat color - Leaf green (smooth semi gloss)

A A A A B A A B C B D D
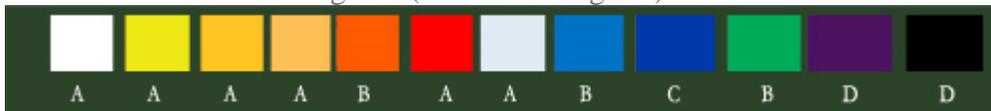
Powder coat color - Fire red (smooth semi gloss)

A B B C D D A C B B C A
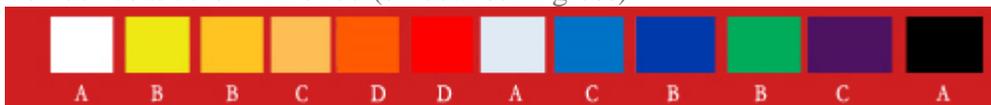
Powder coat color - RAL 3002 (textured red)

A A A A B C A C D C D C
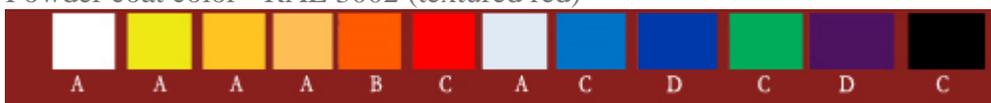
Powder coat color - RAL 5010 (textured blue)

A	A	A	A	A	B	A	C	D	C	D	D
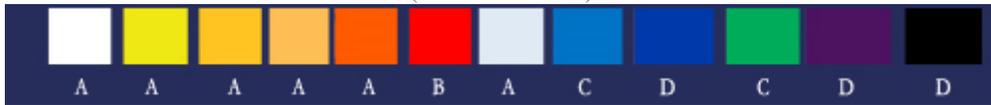
Questions / Comments

If you still have questions or comments please do not hesitate to contact us at tech@protocase.com or 1-866-849-3911 (toll free US & Canada).