

COLOR-SHIFTS WHEN HOTWORKING CBS DICHROIC GLASS

STANDARD COLORS

(Y/V to C/DDR)

When CBS Standard Color Dichroic Glass is fused or otherwise hot worked the color will permanently shift toward the next lighter color (moving toward Y/V). This is a key point in understanding the process that Coatings By Sandberg has taken in the creation of its Standard Colors. For example; a piece of CYAN/COPPER when fused will become more like a BLUE/GOLD sheet. The exact amount of color shift must be experimentally determined by the Artist for the particular process being used. The shift will be dependent on the highest temperature and the length of time that the coating is exposed to the elevated temperatures. After some experimentation the Artist will be able to predict the colors that should be used to reach the end result desired. *In general, the color of a sheet of Dichroic glass while looking at it from a 45 degree angle, will look like the end result color when hot worked (This rule applies to all CBS Dichroic colors).* This is a quick way to estimate what final color an artist is looking for.

SPECIALTY COLORS

Specialty Colors were created in response to customer input as well as experimental design. Our success at creating a brilliant reflective color is evident. These specialty colors, when fused or otherwise hot worked, remain relatively the same color. With a minimal shift these colors remain their true vibrant color whether coated on black glass or clear glass. (Note: The transmitted color is not noted due to the fact that these colors were created mainly for their reflective properties, but they have become just as popular on clear glass as on black glass.)

PREMIUM COLORS

Premium Colors also remain relatively the same color when fused or otherwise hot worked. Green/Magenta is the only exception. This Dichroic color shifts to an intense Hot-Pink.

PATTERNS

Patterns are all coated in a "Rainbow Configuration." This means that a Dichroic coated pattern sheet will have all the colors of the rainbow in a gentle arch across the sheet. For example: A square pattern will have uniform squares across the entire sheet as the squares gradually change from one color to the next in an arch from one side of the sheet to the other. When fused or otherwise hot worked, each color of the rainbow will shift toward one color lighter, much like the standard color's shift. For example: The CYAN/COPPER section of the pattern sheet will shift toward BLUE/GOLD, etc.

SPECIALTY PATTERNS

Specialty Patterns have many different colors on the same sheet, in all kinds of configurations of color. The same rules apply though. Each color of the rainbow will shift one color lighter (toward Yellow/Violet) when fused or otherwise hot worked.