



Product Bulletin

Vanceva® Absolute Black

Saflex, the world leader in protective interlayer for laminated glass, is proud to announce the newest offering to its Vanceva color studio: Absolute Black (Product code: RB17 830000)

Expand your color products with Vanceva® Absolute Black. The newest addition to the Vanceva Color Studio, Absolute Black has excellent opacity and uniformed colored surface compared to any black glass product on the market. Compared to painted black glass, Absolute Black provides superior aesthetics and visual quality plus the additional benefits only laminated glass offers. Absolute Black has a light transmittance level of 0% and is perfect for a variety of safety glass applications including furniture, flooring, wall cladding, partitions, spandrel and aesthetic facades.

Available in widths up to 3.2m, Absolute Black brings a unique aesthetic to any architectural project. Scratch resistant and completely opaque the product is ideal for interior design applications. Use Vanceva Absolute Black in your next project for:

- Partitions
- Spandrel
- Furniture
- Flooring and Stairs
- Wall Cladding
- Interior Doors
- Balconies
- Hotels/Casinos
- Kitchens and Baths

Benefits for Laminators:

- Batch to batch color consistency
- Shorter lead times when compared to painted black glass
- Compatibility with the Vanceva Color System

Benefits for Architects:

- Complete opacity
- Uniformity of color
- Complete range of colors

To learn more visit:

www.vanceva.com/absoluteblack

Product Description

Product Name	Thickness	Color Code	Layer Code	Roll width (cm)	Roll length (m)	VT% (3mm glass)
Absolute Black	0.38 mm	830000	G	122, 159, 246	400, 100, 30	0.00
				322	400, 100	

NOTES: All in stock roll widths are available in 400m lengths in refrigerated form. Rolls of 30m length are available in stock and interleaved. Rolls of 100m length are available with 1 week manufacturing lead time. All rolls can be interleaved on demand. Lead time must be checked through your local sales representative.



The configuration as described below was calculated in Optics and Window 5.2 using standard NFRC-Window 5 conditions. Data reported in US standard units with metric units in parentheses. Configuration tested 1/8 inch (3mm) Clear Glass - Vanceva #000G; 0.015 inch (0.38mm) - 1/8 inch (3mm) Clear Glass.

Optical and Thermal Properties

			US	SI
Solar Transmittance %	0.00	U factor Btu/hr-ft ² -F (W/m ² -K)	1.01	5.72
Reflectance Solar (front)	0.05	Shading Coefficient	0.35	0.35
Reflectance Solar (back)	0.05	Solar Heat Gain Coefficient (SHGC; g)	0.30	0.31
Visible Light Transmittance %	0.00	Relative Heat Gain Btu/hr-ft ² (W/m ²)	83	262
Visible Reflectance (front) %	0.06	*GST Outboard -0.4°F (-18°C)	13	-10
Visible Reflectance (back) %	0.06	*GST Inboard 69.8°F (21°C)	17	-9
Absorptance (Solar)	0.95	*GST Outboard 89.6°F (32°C)	129	54
Tdw-K	0.00	*GST Inboard 75.2°F (24°C)	130	55
Tdw-ISO	0.00			
Tuv	<0.01			

Color Properties

	Dom.	Purity	L*	a*	b*
Reflectance	0.48673	0.02	29.41	-0.01	0.00
Transmittance	0.49493	0.00	0.00	0.00	0.00
Color Rendering Index (Reflectance)	99.68 Rfl				
R (Transmittance)	0				
G (Transmittance)	0				
B (Transmittance)	0				
RAL Corresponding Color*	RAL 9005				
NCS Corresponding Color*	CS S 8505 G80Y				
Pantone Corresponding Color*	Black C				

For layering purposes this interlayer color may be referenced as Vanceva® Color System #000G.

Safety and Security Performance

When properly designed, manufactured and installed, Vanceva Absolute Black can be used to produce laminated glass that meets American safety regulations including CPSC 16 CFR 1201 Cat I and Cat II as well as ANSI Z97.1 Class A and Class B.

Durability

Vanceva Absolute Black is produced with heat and light stable colorant system. Saflex has conducted accelerated and long-term natural exposure testing (2 years) that have confirmed the long term color and performance stability of our black pigments.

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