



EASTMAN

Rethink color

Designing for aesthetics

First, there was light. Now, there is color.

Today's windows offer architects and designers a dynamic palette on which to display color. With Vanceva® color polyvinyl butyral (PVB) interlayers, you can showcase your glazing designs in a wide spectrum of choices.

Vanceva adds more than color to glass. Our interlayers add brilliance, beauty, wonder, and utility to architectural spaces—stimulating and inspiring those who inhabit them.

Protection, a shade better

Withstanding vigorous durability testing, all Vanceva color interlayers are made with heat-and light-stable colorants to resist fading and ensure long-term color stability.

Laminated glass made with Vanceva color interlayers delivers effective protection from harmful UV radiation, glare, and solar energy transmittance and reduces solar heat gain—blocking up to 99% of damaging UV light up to 380 nm to help retard color fading and the deterioration of fabrics and furnishings.

Spectrophotometry and visual color matching are used to determine the best Vanceva color configuration for your project.

A new palette of possibilities

With Vanceva, architects and designers are featuring glass like never before—combining color interlayers to produce more than 17,000 transparent, translucent, or solid colors that create just the right look and ambience. No other PVB interlayer offers the range for colored laminated glass that Vanceva does.

Bringing a whole new aesthetic to both interior and exterior applications, these interlayers are ideal for:

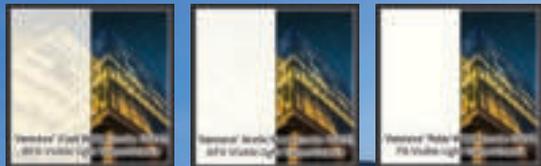
- Balconies
- Curtain walls
- Atriums
- Skylights
- Partitions
- Conference rooms
- Glass doors



Translucency and opacity to let your brilliance shine through

Today, white is more than just a blank slate on which to showcase color. White can complete a design, giving it meaning, balance, and strength. Vanceva white interlayer can be used alone or combined with the Vanceva colors to give you translucent to near opaque laminated glass. You can trust Vanceva color interlayers to produce the right white in every light.

For both interior and exterior applications, use Vanceva white interlayers to create dramatic designs that feature opacity for private settings or translucent designs that let the light shine in.



Vanceva Illusion White
Gradient white from 65% to full translucency

Vanceva® Absolute Black

interlayer is another option for opaque glazing applications. The interlayer has superior uniform color and, when used with Polar White, is perfect for two sided glass color applications.

Vanceva® Ocean Grey, a

blue-based grey, can neutralize the color effect of low-e coatings in a laminated glazing configuration. The color can also be layered with itself to produce light to dark greys, creating a dynamic effect.

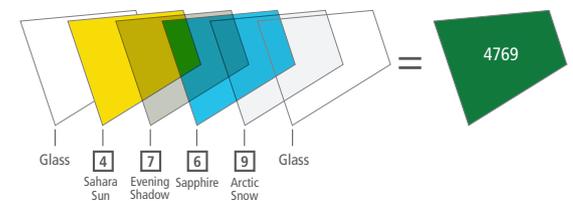
How to specify Vanceva® colors

The Vanceva® color system offers thousands of transparent or translucent glass colors—giving architects and designers more creative freedom with glass than ever before.

The Vanceva color system is based on a foundational palette of four key colors (pink, blue, grey, and yellow) in two different light transmissions to create a base palette of eight colors. Similar to the CMYK color system most often used in printing, the Vanceva color system allows architects, designers, and glass fabricators to layer several different color interlayers together—in different intensity levels—to create thousands of color possibilities.

Vanceva color formulation codes

Choose one to four layers of foundational Vanceva color interlayers to construct custom-colored laminated glass. Since the maximum number of interlayers is four, each Vanceva color has been assigned a four-digit number. Each number or letter represents a layer from the Vanceva palette used to create all Vanceva color interlayer combinations.

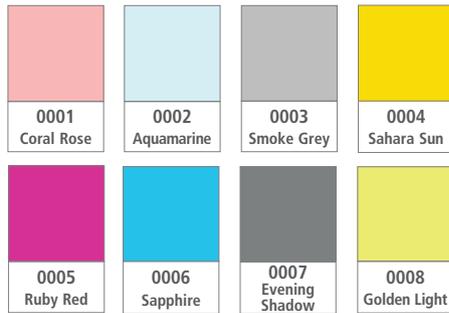


The illustration details an example of a four-layer Vanceva color code and each corresponding color associated with the final glass makeup.

An example of a one-layer combination would be Vanceva 0006, while an example of a two-layer color combination would be Vanceva 0066, etc.

Foundation colors

The foundation palette consists of eight basic colors available in two light-transmission levels of pink, blue, grey, and yellow. These interlayer colors can be layered in various combinations to produce a myriad of transparent color options.



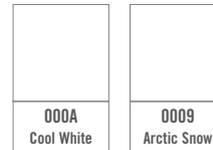
Specialty colors

Very concentrated colorants in a single interlayer are capable of adding brilliant hues to laminated glass with a single layer of Vanceva.



Translucent colors

If a project requires a translucent look for design or privacy reasons, you can create a translucent color by adding one of the white interlayers to the color mix.

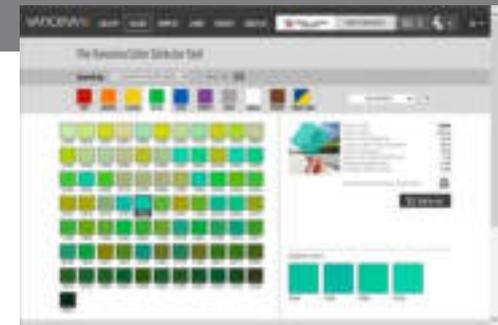


Solid colors

Vanceva® Polar White (color F) and Absolute Black (color G) interlayers are solid colors that can be combined with any other color selection to make that color near opaque, while at the same time creating completely different looks on each side of the glass.



Create your own unique colors and order samples at www.vanceva.com.



Create your next glass design online

At the Vanceva website, architects and designers can explore the unlimited color combinations available using the Vanceva color system. Within the virtual color selector, you can find the closest match to RAL, Pantone, or NCS colors. Then, order samples online to perform lighting tests, share with customers, and compare for compatibility with other project materials.

Visit the Vanceva Shop

You can find the tools you need to help you select the right color for your project.

- **Check out the Color Selector** to create any Vanceva interlayer color combination right at your desk.
- **Order Vanceva Samples Set**, including our eight original Vanceva colors, our specialty colors as well as our Whites and Absolute Black, to see a closer representation of your finished glass color.
- **Order a single 10 x 10 cm Vanceva color sample**
- **Find our preferred partners in your region.**



Vanceva® technical information

Description	Layer code	Visible light transmittance %	Visible light reflection %	Solar transmittance %	Solar energy absorption %	Solar heat gain coefficient (SHGC)
Colored protective interlayers						
Vanceva® Coral Rose	0001	76%	7%	70%	24%	0.77
Vanceva® Aquamarine	0002	71%	7%	68%	25%	0.75
Vanceva® Smoke Grey	0003	70%	7%	67%	27%	0.75
Vanceva® Sahara Sun	0004	78%	7%	63%	31%	0.72
Vanceva® Ruby Red	0005	48%	6%	62%	31%	0.72
Vanceva® Sapphire	0006	52%	6%	55%	39%	0.67
Vanceva® Evening Shadow	0007	49%	5%	48%	47%	0.62
Vanceva® Golden Light	0008	85%	8%	69%	25%	0.76
Vanceva® Arctic Snow	0009	68%	16%	60%	28%	0.68
Vanceva® Cool White	000A	81%	14%	67%	22%	0.74
Vanceva® True Blue	000D	12%	5%	42%	51%	0.57
Vanceva® Polar White	000F	7%	55%	10%	45%	0.23
Vanceva® Absolute Black	000G	0%	6%	0%	95%	0.30
Vanceva® Ocean Grey	000H	61%	9%	59%	33%	0.69
Vanceva® Illusion White*	000J	65% transitioning to 89%	N/A	57%	36%	0.68

Information provided by Eastman Inc. The data and information set forth in the table above are based on calculations and are not guaranteed for all samples or applications. All data calculated using Lawrence Berkeley Laboratory Window 6.3 Product; NFRC/ASHRAE Conditions; center of Glass Values; US Standard units. Laminates constructed as: 3 mm (0.125 inch,) Clear glass [Saflex Interlayer] 3 mm (0.125 inch,) Clear glass. Colored laminate configurations consist of 0.38 mm Saflex interlayer unless noted. All alternate interlayer thicknesses as designated.

*Estimated data for Illusion White interlayer 0.76 mm



- Order Vanceva samples sets, including foundational, specialty, and white collection to see a closer representation of your finished glass color.
- Access technical data for color selections.
- Find our preferred partners in your region.
- Browse the Vanceva Gallery, a collection of color projects using Vanceva color interlayers

vanceva.com
vanceva@eastman.com

Vanceva interlayers deliver the value-added benefits inherent in laminated glass:

- ☑ **Safety:** Protecting building occupants and pedestrians from accidental glass impact, breakage, or fallout
- 🛡 **Security:** Providing resistance against burglary, forced-entry, ballistics, and bomb blasts
- 🔊 **Acoustic:** Reducing the transmission of unwanted sound in and outside of a building's environment
- 🌀 **Storm:** Delivering a wide range of severe windborne debris protection
- ☀ **Solar:** Filtering more than 99% of UV rays up to 380 nm, controlling visible transmittance and reducing glare and solar heat gain



Vanceva® Earth Tones technical information

Color name	Code	Thickness	Solar transmittance %	Visible light transmittance %	Absorptance (solar)	U-factor W/m ² ·K	Shading coefficient (SC)	Solar heat gain coefficient (SHGC)	Relative heat gain (RHG), W/m ²	Light to solar gain (LSG)
Sky	S-7558	0.38 mm/0.015 in.	58	54	0.36	5.72	0.79	0.69	539	0.78
Glacier	S-6376	0.38 mm/0.015 in.	67	74	0.26	5.75	0.86	0.74	580	0.99
Marine	S-3773	0.38 mm/0.015 in.	64	72	0.30	5.72	0.84	0.73	567	0.98
Marine	S-3773	0.76 mm/0.030 in.	63	72	0.31	5.68	0.83	0.72	563	1.00
Shale	S-6540	0.38 mm/0.015 in.	47	42	0.47	5.73	0.71	0.62	488	0.68
Shale	S-6544	0.76 mm/0.030 in.	47	43	0.47	5.68	0.71	0.62	490	0.70
Graphite	S-0828	0.38 mm/0.015 in.	38	30	0.57	5.74	0.64	0.56	444	0.54
Dolomite	S-6452	0.38 mm/0.015 in.	51	53	0.43	5.74	0.74	0.65	510	0.81
Dolomite	S-6452	0.76 mm/0.030 in.	50	52	0.45	5.68	0.73	0.64	501	0.81
Limestone	S-5558	0.38 mm/0.015 in.	53	56	0.42	5.74	0.75	0.66	515	0.85
Dusk	S-3655	0.38 mm/0.015 in.	52	56	0.43	5.74	0.75	0.65	513	0.85
Mocha	S-3628	0.38 mm/0.015 in.	32	28	0.63	5.73	0.60	0.52	419	0.55
Gobi	S-6428	0.38 mm/0.015 in.	34	28	0.61	5.74	0.61	0.53	427	0.53
Truffle	S-3609	0.38 mm/0.015 in.	15	8	0.81	5.73	0.47	0.41	334	0.21

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Additional benefits of laminated glass

Vanceva interlayers deliver the value-added benefits inherent in laminated glass:

-  **Safety:** Protecting building occupants and pedestrians from accidental glass impact, breakage, or fallout
-  **Security:** Providing resistance against burglary, forced-entry, ballistics, and bomb blasts
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-  **Solar:** Filtering more than 99% of UV rays up to 380 nm, controlling visible transmittance, reducing glare and solar heat gain

For more information,
visit vanceva.com to:

- Order samples shipped directly to you
- Verify the actual sample color before specifying for your project
- Access technical data for color selections
- Match your Pantone or RAL colors to the equivalent Vanceva color combination
- Browse The Vanceva Gallery: a collection of color projects using Vanceva color interlayers

www.vanceva.com
info@vanceva.com

Architects and designers trust Saflex® and Vanceva®

Around the world, architects and designers trust Saflex and Vanceva when safety, performance, and comfort are their most critical concerns. The reason for their confidence is simple. No matter what the specifications or performance targets, Saflex interlayer technology delivers advanced glazing performance for demanding applications.

EASTMAN
The results of insight™

Contact Us
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