EASTMAN

Vanceva® color interlayer system

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 options to control solar glare and energy transmittance and reduce solar heat gain. Harmful UV radiation is blocked up to 99% to 380 nm, helping retard color fading and the deterioration of fabrics and furnishings.

When you need to color match to other materials, spectrophotometry, color indicators, and visual color matching are used to determine the best Vanceva color configuration for your project.

A new palette of possibilities

Architects and designers are featuring colored glass like never before—combining Vanceva 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 of 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 other 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® 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.

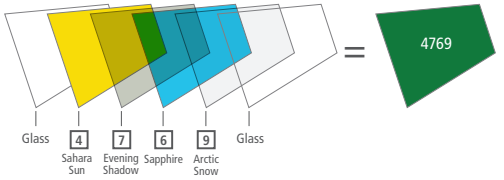
How to specify Vanceva® colors

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 transmittances 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. The maximum recommended number of layers is four; therefore, each Vanceva color has been assigned a four character number. Each character 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-transmittance levels of pink, blue, grey, and yellow. These interlayer colors can be layered in various combinations to produce a myriad of transparent color options.

0001 Coral Rose
0002 Aquamarine
0003 Smoke Grey
0004 Sahara Sun
0005 Ruby Red
0006 Sapphire
0007 Evening Shadow
0008 Golden Light

Specialty colors

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

000C Deep Red
000D True Blue
000E Tangerine
000H Ocean Grey

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 translucent interlayers to the color mix. These translucent layers can be added to any transparent Vanceva color to make it translucent.

000A Cool White
0009 Arctic Snow

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.

000F Polar White
000G Absolute Black

Earth Tones collection

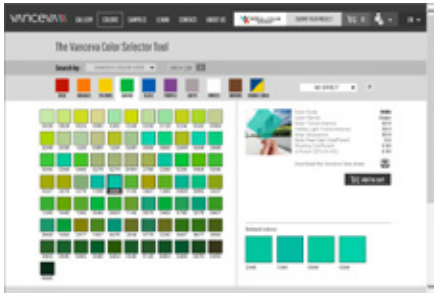
Incorporate soothing colors into your architectural designs. Select from a range of 11 colors in shades of blue, grey, green, brown, and bronze.

755800 Sky
637600 Glacier
377300 Marine
654400 Shale
082800 Graphite
645200 Dolomite
555800 Limestone
365500 Dusk
362800 Mocha
642800 Gobi
360900 Truffle

Create your own unique colors and order samples at **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 Vanceva.com

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

- Check out the Color Selector to match your Pantone or RAL colors to the equivalent Vanceva color combination.
- Order individual 10 x 10 cm (4 x 4 inch) Vanceva color sample to verify the actual color before specifying for your project.

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						
Coral Rose	0001	76	7	70	24	0.77
Aquamarine	0002	78	7	68	25	0.75
Smoke Grey	0003	78	7	67	27	0.75
Sahara Sun	0004	78	7	63	31	0.72
Ruby Red	0005	48	6	62	31	0.72
Sapphire	0006	52	6	55	39	0.67
Evening Shadow	0007	49	5	48	47	0.62
Golden Light	0008	85	8	69	25	0.76
Arctic Snow	0009	68	16	60	28	0.68
Cool White	000A	81	14	67	22	0.74
Deep Red	000C	15	6	38	56	0.54
True Blue	000D	12	5	42	51	0.57
Tangerine	000E	41	8	54	39	0.65
Polar White	000F	7	55	10	45	0.23
Absolute Black	000G	0	6	0	95	0.30
Ocean Grey	000H	61	9	59	33	0.69

Information provided by Eastman. The data and information set forth in the table are based on calculations and are not guaranteed for all samples or applications. All data calculated using Lawrence Berkeley Laboratory Window 6.3; NFRC/ASHRAE conditions; center of glass values; U.S. Standard units. Laminates constructed as: 3-mm (0.125-in.). clear glass | Vanceva interlayer | 3-mm (0.125-in.) clear glass. Colored laminate configurations consist of 0.38-mm Saflex interlayer unless noted. All alternate interlayer thicknesses as designated.

- 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
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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/m²·K	Shading coefficient (SC)	Solar heat gain coefficient (SHGC)	Relative heat gain (RHG), W/m²	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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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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