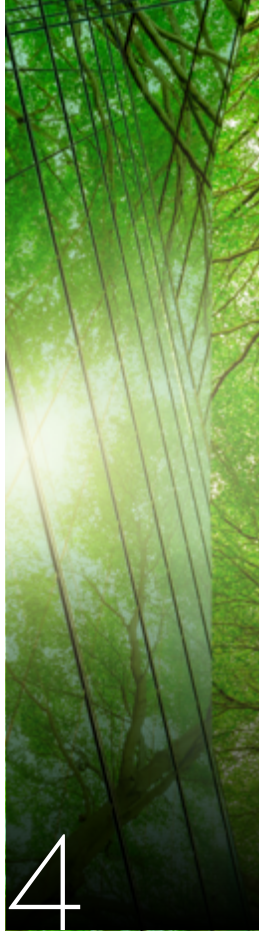
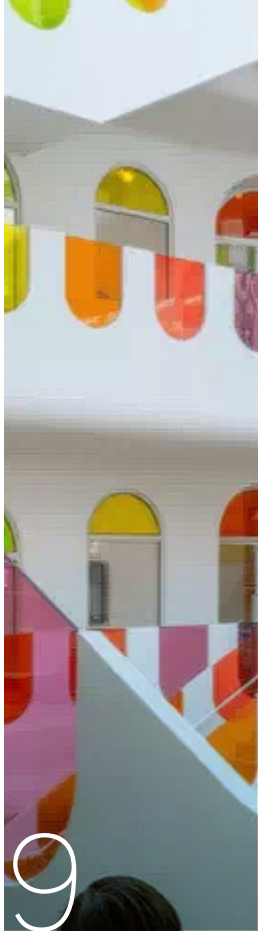
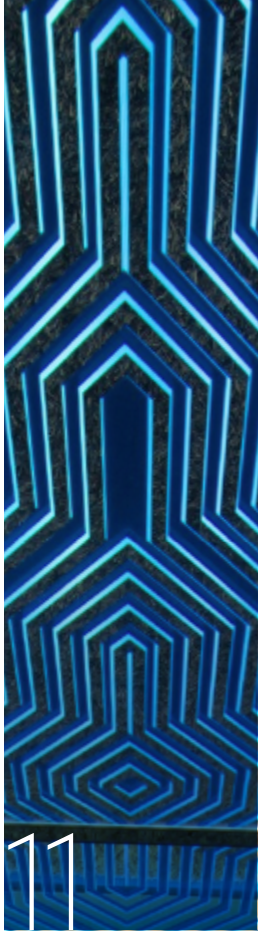
Vanceva™ color PVB interlayers

High-performance interlayers for laminated glass

vanceva™ from Eastman







OUR PRODUCTS

Vanceva color PVB interlayers

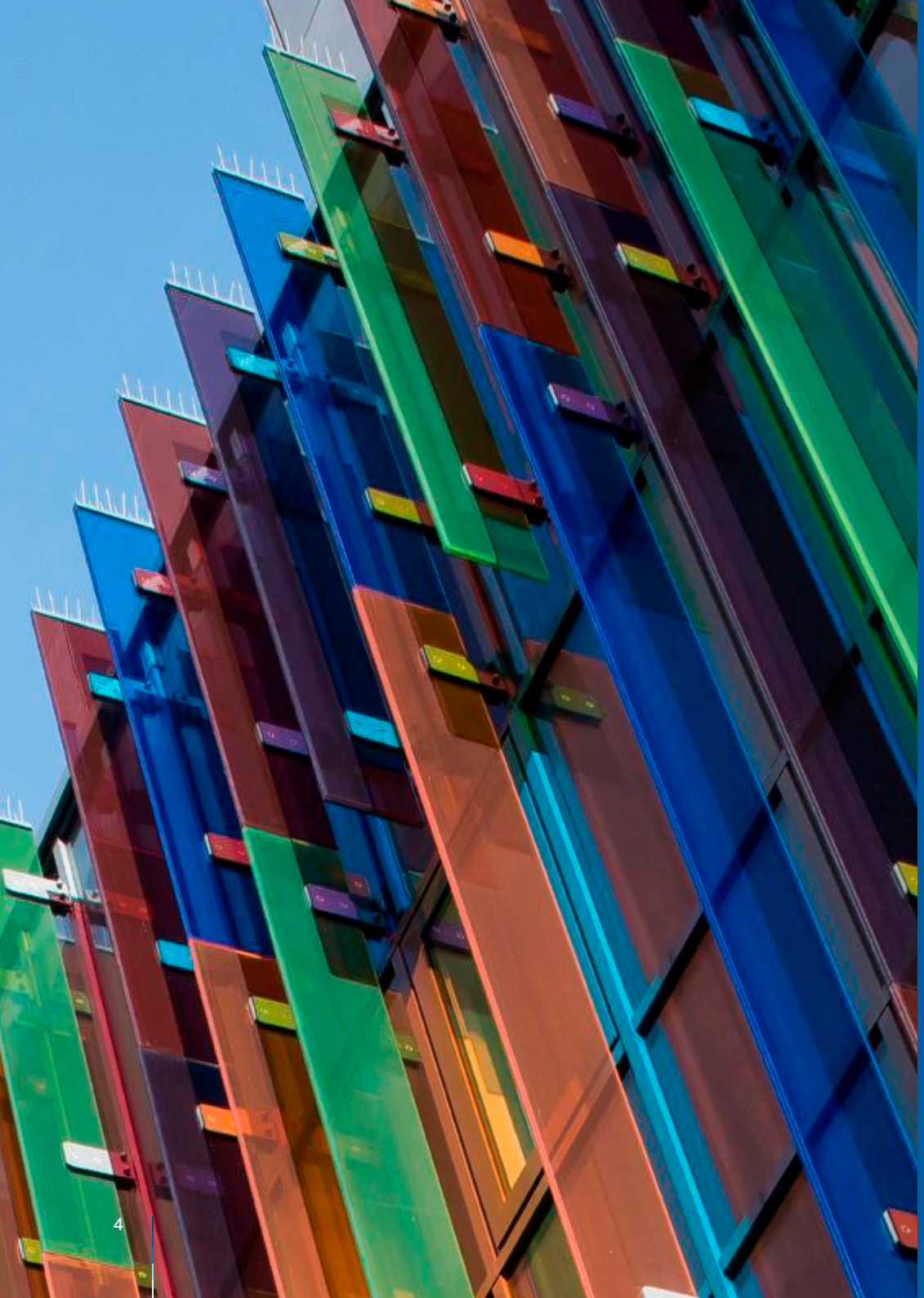
Design with style

With Vanceva color PVB interlayers, architects and designers can showcase their brilliance in an amazing spectrum of choices.

Using interlayers laminated between two pieces of glass, the Vanceva color system offers architects and designers unparalleled creative freedom to incorporate color into glass and glazing systems.

The 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. As with the CMYK color system most often used in printing, architects, designers and glass fabricators can layer several different color interlayers together — in different intensity levels — to create thousands of color possibilities. By combining 16 laminates in up to four layers, the system produces more than 69,000 transparent, translucent and solid glass colors — all made with heat- and light-stable colorants to resist fading and ensure long-term color stability.

No other PVB interlayer system offers the ability to achieve the range of colors and varied translucency in glass that Vanceva does.



Product benefits

- Creates unparalleled color possibilities
- Enhances aesthetics
- Protects against breakage
- Provides resistance to forced entry, wind-borne debris, ballistics and bomb blasts
- Reduces sound transmission
- Is compatible with other Saflex™ interlayers

VANCEVA™ from Eastman

Vanceva color collections

Vanceva 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

Learn more about
Vanceva color collections here.

Vanceva 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

Vanceva White Collection

For interior and exterior applications alike, the Vanceva White Collection of high-performance interlayers for laminated glass enables designers and architects to specify the exact light transmittance, solar absorption, heat gain coefficient and U-factor they need. White PVB interlayers can be used alone or combined with Vanceva colors for near-opaque laminated glass.

000A
Vanceva Cool White

0009
Vanceva Arctic Snow

000F
Vanceva Polar White

Vanceva Earth Tones

Available in an array of natural earth tones, Vanceva Earth Tones PVB interlayers bring greater aesthetics, warmth and serenity to any architectural space.

Select from 11 earth tones in shades of blue, grey, green, brown and bronze — colors that are all similar to industry-standard glass tints when laminated in clear glass.

S-7558
Sky

S-6376
Glacier

S-3773
Marine

S-6544
Shale

S-5538
Limestone

S-3655
Dusk

S-0828
Graphite

S-6452
Dolomite

S-3628
Mocha

S-6428
Gobi

S-3609
Truffle

Vanceva color PVB interlayers

How to specify Vanceva colors

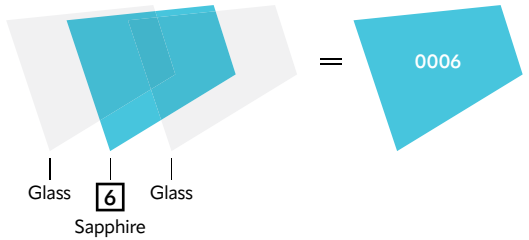
The Vanceva color system offers thousands of transparent or translucent glass colors, giving architects and designers more creative freedom with glass than ever before.

Choose from 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.

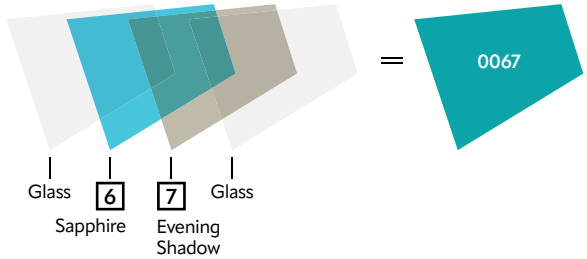
The illustration details an example of a four-layer Vanceva color code and each corresponding color associated with the final glass makeup. An example of a one-layer combination would be Vanceva 0006, while an example of a two-layer color combination would be Vanceva 0067.

Learn more about specifying **Vanceva colors** here.

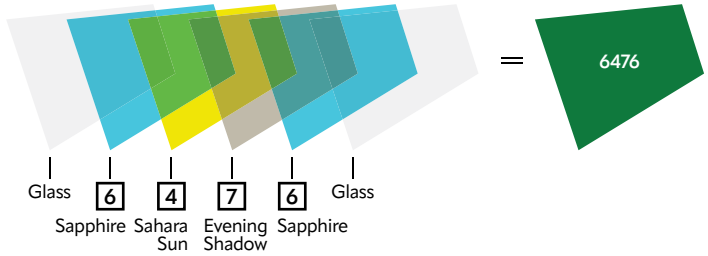
Example of one-layer color combination



Example of two-layer color combination



Example of four-layer color combination



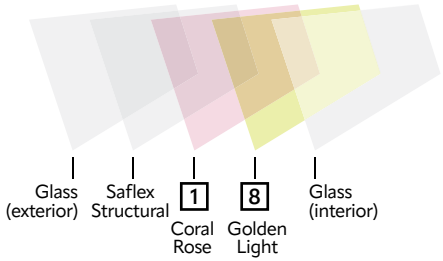
OUR PRODUCTS

Saflex + Vanceva color PVB interlayers

Design with more freedom.

To achieve all the benefits and capabilities you need in laminated glass, Saflex and Vanceva color interlayers can be combined in a variety of applications — giving you the opportunity to achieve structural support, acoustic and solar control, UV and storm protection, and beautiful aesthetics.

Example of Saflex and Vanceva interlayer combination



Vanceva Colors

Colored protective interlayers	Layer code	Visible light transmittance %	Visible light reflection %	Solar transmittance %	Solar energy absorption %	Solar heat gain coefficient (SHGC)
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 (0.38-mm) | 3-mm (0.125-in.) clear glass. The Vanceva Whites are also available as 0.76 mm.

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 wind-borne 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

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	755800	0.38 mm/0.015 in.	58	54	0.36	5.72	0.79	0.69	539	0.78
Glacier	637600	0.38 mm/0.015 in.	67	74	0.26	5.75	0.86	0.74	580	0.99
Marine	377300	0.38 mm/0.015 in.	64	72	0.30	5.72	0.84	0.73	567	0.98
Marine	377300	0.76 mm/0.030 in.	63	72	0.31	5.68	0.83	0.72	563	1.00
Shale	654400	0.38 mm/0.015 in.	47	42	0.47	5.73	0.71	0.62	488	0.68
Shale	654400	0.76 mm/0.030 in.	47	43	0.47	5.68	0.71	0.62	490	0.70
Graphite	082800	0.38 mm/0.015 in.	38	30	0.57	5.74	0.64	0.56	444	0.54
Dolomite	645200	0.38 mm/0.015 in.	51	53	0.43	5.74	0.74	0.65	510	0.81
Dolomite	645200	0.76 mm/0.030 in.	50	52	0.45	5.68	0.73	0.64	501	0.81
Limestone	555800	0.38 mm/0.015 in.	53	56	0.42	5.74	0.75	0.66	515	0.85
Dusk	365500	0.38 mm/0.015 in.	52	56	0.43	5.74	0.75	0.65	513	0.85
Mocha	362800	0.38 mm/0.015 in.	32	28	0.63	5.73	0.60	0.52	419	0.55
Gobi	642800	0.38 mm/0.015 in.	34	28	0.61	5.74	0.61	0.53	427	0.53
Truffle	360900	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.

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.

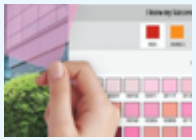
SKIN CANCER FOUNDATION
SEAL OF RECOMMENDATION
EFFECTIVE SUN PROTECTION
LAMINATED GLASS

Expert advice. Online tools.

As a world leader in PVB interlayer manufacturing and development, Eastman continues to innovate its portfolio to meet the needs of the laminating industry with products that offer superior processing, performance and durability.

Our goal is to maintain our high-quality standards while increasing sustainable opportunities for our partners and customers. We want to be the sustainable, collaborative and innovative partner of choice across the entire value chain.

As such, we are committed to proactively learning about, developing and advocating for sustainable laminated-glass solutions that enable more environmentally friendly buildings and vehicles.



Vanceva color selector here.

Vanceva Color Selector

Explore the vast color combinations available using the Vanceva color system. With the virtual color selector, you can create any RAL, Pantone or NCS color system possibilities. Then, you can order samples online to perform lighting tests, share with customers and compare for compatibility with other project materials.

Saflex and Vanceva glass configurator here.

Saflex and Vanceva glass configurator

With this online glass configurator, you can model a variety of transparent colors for multilayered laminated glass tailored to your exact needs. Developed in partnership with glassAdvisor, this web app simulates how various Saflex interlayers, Vanceva Earth Tones and Vanceva Colors combine — complete with key spectral properties and color information.

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