

VNG-5024

Cool Neutral Aesthetics. Exceptional Performance.

The newest addition to Viracon's Neutral Gray coating family, VNG-5024 was developed in response to architect demand for a high-performing low-e coating with a refined neutral appearance and reduced exterior reflectance.

With 50% VLT, 0.24 SHGC, and 14% exterior reflectance, VNG-5024 delivers an understated, contemporary aesthetic while supporting demanding energy performance goals. Carefully engineered for color consistency and uniform appearance from every viewing angle, it brings confidence to today's most sophisticated façade designs. Like all Viracon coatings, VNG-5024 is applied after heat treatment of our glass, producing glass that is flatter, with less distortion, for superior visual clarity.

VNG-5024 Key Benefits:

- Cool, neutral aesthetic aligned with current architectural trends
- High-performance solar control with 50% VLT and 0.24 SHGC
- Low 14% exterior reflectance for a refined exterior appearance
- Exceptionally low, near colorless 10% interior reflectance for enhanced transparency, occupant comfort, and more natural views
- Consistent color and visual uniformity from multiple viewing angles
- Excellent daylighting without compromising energy performance
- Ideal for modern curtainwall, commercial, mixed-use, education and institutional projects



The reflected colors of these images are as viewed from the exterior and illustrate the visual aesthetics of VNG-5024. Sky conditions, viewing angle and other factors may influence perceived color. Viracon recommends viewing actual glass samples prior to final product selection.

For additional project photography, drone footage, and design inspiration featuring VNG-5024 contact our Architectural Glass Studio team or send and email to: glass@viracon.com.

VNG-5024

Performance Data

(1" 0A) - 1/4" (6mm) on designated substrate - 1/2" (13.2mm) space—**ARGON filled** - 1/4" (6mm) Clear (or Low Iron)

Nomenclature ²	Transmittance			Reflectance			U-Value					
	Visible	Solar	UV	Visible-Out	Visible-In	Solar	Winter	Summer	SC ¹	SHGC ¹	RHG ¹	LSG ¹
VNG1-5024	50%	20%	2%	14%	10%	29%	0.24	0.20	0.28	0.24	58	2.08
VNG2-5024	42%	15%	<1%	11%	10%	10%	0.24	0.20	0.24	0.21	51	2.00
VNG3-5024	25%	10%	<1%	7%	9%	12%	0.24	0.20	0.18	0.16	40	1.56
VNG13-5024	53%	22%	2%	15%	10%	41%	0.24	0.20	0.28	0.24	59	2.21
VNG18-5024	36%	15%	1%	9%	9%	23%	0.24	0.20	0.23	0.20	49	1.80
VNG19-5024	37%	14%	1%	10%	9%	16%	0.24	0.20	0.23	0.20	48	1.85
VNG24-5024	53%	22%	2%	15%	10%	41%	0.24	0.20	0.28	0.24	59	2.21
VNG30-5024	36%	14%	1%	9%	9%	14%	0.24	0.20	0.22	0.19	48	1.89
VNG31-5024	53%	22%	2%	15%	10%	42%	0.24	0.20	0.28	0.24	59	2.21
VNG35-5024	53%	21%	2%	15%	10%	37%	0.24	0.20	0.28	0.24	59	2.21

Viracon's solar and optical performance data represent center-of-glass information based on the National Fenestration Rating Council measurement standards and are calculated using Lawrence Berkeley National Laboratory's (LBNL) WINDOW 7 software. Values are nominal—values in as-delivered product may vary according to manufacturing quality tolerances.

- The performance data above applies to insulating glass with two plies (coated outboard; clear inboard) of 1/4" (6mm) glass and a 1/2" (13.2mm) space. Viracon VNG-5024 is applied to the second (#2) surface. When low iron glass is used [Starphire® (#13), Optiwhite™ (#24); UltraClear® (#31); Pure Mid Iron™ (#35)], both plies of the unit are composed of the given low iron substrate.
- VNG-5024 can only be used with heat treated glass.
- Available in maximum dimensions of 130" x 236" (3302mm x 5994mm).

¹ **SC** = Shading Coefficient; **SHGC** = Solar Heat Gain Coefficient; **RHG** = Relative Heat Gain; **LSG** = Light to Solar Heat Gain ratio

² VNG Nomenclature: Example = VNG1-5024, where the number following "VNG" is a color code for the outboard substrate as per following:
Outboard Glass Substrate Color Codes = 1-Clear, 2-Green, 3-Gray, 13-Starphire®, 18-Optiblue®, 19-CrystalGray®, 24-Optiwhite™, 30-Optigray®, 31-UltraClear®, 35-Pure Mid Iron™. Performance of VNG-5024 on additional glass substrates can be viewed on viracon.com.

Complete flexibility – specify VNG-5024 on any of your preferred glass substrates.

Greater design options – combine VNG-5024 on the same surface as silk-screen patterns or DigitalDistinctions™.

VNG available with surface #1 SoarSafe® Laser-etch

Superior aesthetics – the coating is applied after heat treating, augmenting flatness compared to architectural glass that is heat treated after the coating application.

CrystalGray® and UltraClear® are registered trademarks of Guardian Industries.

Optiwhite™ is a trademark of Pilkington.

Starphire®, Optiblue®, and Optigray® are registered trademarks of Vitro.

VNG-5024: Neutral by Design. Distinctly Viracon.

For more information call us at 800.533.2080 or
visit our website: viracon.com

