

PerformaTech™

**High performance double glazing
Exceptional light transmission**

With exceptional light transmission, solar control and thermal insulation, PerformaTech™ enables developers, architects, designers and engineers alike, the opportunity to create truly inspirational, economically viable and environmentally sustainable buildings.

Reducing energy consumption in every aspect of our lives is also fast becoming an increasing priority. In response to this concern, industry code changes have focused on increasing commercial building efficiency, which can often sacrifice valuable visible light needed for a healthy living and working environment. With a new generation of Low-E coating, PerformaTech™ products provide the balance between energy management and aesthetics you've been looking for.

Maximum light and comfort.

PerformaTech™ uses a high-performance, Low-E coating that restricts UV and infrared radiation, allowing the maximum use of glass for light and views while simultaneously insulating against heat loss and selectively shielding unwanted heat gain. This in turn achieves a comfortable, healthy and energy efficient environment, which benefits the full building envelope.

A natural solution.

It is generally accepted that natural light is beneficial to people's health and wellbeing, and can be the foundation for a productive working environment.

PerformaTech™ is ideal for use in commercial glazing where light and clear views are important, as well as the need to keep solar heat out in summer and retain it during winter.



The images shown are a representation only of the product. Colour and effect may differ. Always refer to a sample to determine if product is appropriate for your requirements.

Specifying
PerformaTech™

PerformaTech™ is only available as part of an insulating glass unit (IGU). Offered in either heat strengthened or toughened form, our standard PerformaTech™ range has 11 individual products. When combined with other Viridian glass though, such as an acoustic product, a vast range of performance possibilities and aesthetic options can be achieved.

Our engineers and architectural managers are available to discuss your detailed requirements and the many solutions PerformaTech™ can offer. Standard configurations are listed below, but our knowledgeable staff can also assist further regarding custom configurations, thermal assessments and building compliance.

No compromising.

PerformaTech™ does not compromise on visible light transmission. It has often been the case that a higher Solar Heat Gain Coefficient (SHGC) meant accepting lower visible light transmission and sometimes a darker glass too. This is no longer the case. With PerformaTech™ you can be confident of optimal energy management while maintaining exceptional levels of natural daylight and retaining a neutral and natural appearance.

	SPECIFICATION CODE	REFLECTIVE COLOUR	VISIBLE LIGHT %			SOLAR ENERGY %		U-VALUE		SHGC	SELECTIVITY
			TRANSMITTANCE	OUTDOOR REFLECTANCE	INDOOR REFLECTANCE	TRANSMITTANCE	OUTDOOR REFLECTANCE	AIR	ARGON		
SHGC 0.20-0.30	PH15(60)EuroGry	Grey	29	7	15	14	12	1.7	1.4	0.20	1.45
	PH09(90)Clr	Green	46	16	18	16	38	1.6	1.3	0.20	2.30
	PH11(60)Clr*	Blue	51	18	22	21	32	1.6	1.3	0.26	1.96
	PH15(60)Gry	Grey	46	17	20	21	27	1.7	1.4	0.30	1.53
	PH10(90)Clr	Clear	68	11	13	26	41	1.6	1.3	0.30	2.26
	PH07(90)SuperClr	Grey	69	13	13	27	53	1.6	1.3	0.30	2.30
SHGC 0.31-0.40	PH08(60)Clr*	Clear	68	13	15	29	38	1.6	1.3	0.34	2.06
	PH15(60)Clr	Green	54	11	16	25	24	1.7	1.4	0.32	1.68
	PH05(30)Clr	Blue	45	19	11	28	23	1.8	1.6	0.36	1.25
	PH06(60)Clr	Neutral	69	13	14	33	33	1.7	1.4	0.38	1.80
SHGC >0.41	PH12(30)Clr*	Clear	79	13	12	51	28	1.7	1.4	0.58	1.36

SHGC Solar Heat Gain Coefficient. **Glass Configuration** for all products is 6mm +12mm spacer + 6mm. Coating is on surface #2. **(30)** Single Coating **(60)** Double Coating **(90)** Triple Coating. **Clr** Clear **SuperClr** SuperClear **Gry** Grey **EuroGry** EuroGrey. **Glass Selectivity** is an index that reports the relationship between light transmission and solar heat gain. A high selectivity, generally above 1.8, is more preferable in modern building design. Values shown above relate to glass only and will be dependant on specified framing. *Ex-stock subject to standard leadtime configuration. Other products in the range are non-stocked products and are subject to non-standard leadtime and minimum order requirements. Contact Viridian for further information.



For more information.

For additional product details
or information regarding
specifying and ordering,
please contact your local
Viridian representative.

Visit our website
www.viridianglass.com
or call 1800 810 403

Features.

APPLICATIONS

External

- Curtain Wall
- Facade
- Overhead Glazing
- Windows

MINIMUM THICKNESS

6mm+12mm+6mm
Available as an insulating
glass unit (IGU) only

MAXIMUM SIZE

3300 x 2140mm to 4500 x 2700mm
Size subject to glass type and
material thickness

PERFORMANCE

VLT	29% to 79%
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SHGC	0.58 to 0.20
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Performance depends on
specific PerformaTech™ product

WARRANTY

For warranty information
please visit our website
www.viridianglass.com