# A superior balance of light transmission, solar control and thermal insulation

Viridian **PerformaTech™** balances high levels of light transmission with very low levels of solar heat gain, low reflectivity and exceptional levels of thermal insulation.

Viridian **PerformaTech™** range is using a highperformance coating that restricts UV and infrared radiation from passing through but importantly provides exceptional levels of natural appearance as possible.

The high levels of performance associated with Viridian **PerformaTech™** affords developers, architects, designers and engineers alike the opportunity to create economically viable, aesthetically pleasing and environmentally sustainable buildings. This in turn enables the increasingly stringent demands of regulatory requirements and prospective owners or tenants to be easily met. Available only as part of an insulating glass unit (IGU). Viridian **PerformaTech** ™ is available in either heat strengthened or toughened form. By combining Viridian PerformaTech<sup>™</sup> with any one of the Viridian range of products within an IGU, a vast range of performance characteristics and aesthetic options can be achieved.

Our standard range includes 11 products listed below. However, any performance characteristics can be matched using PerformaTech™.

# Features and benefits

• Exceptional balance of high light transmission, low solar heat gain and low U Values

- Fully supported by the Viridian product warranty program
- Broad range of product combinations
- Available only as part of an insulating glass unit (IGU) for maximum performance

Performance comparison chart								
Product name	Colour Appearance	Glass Make up	VLT	LR	SR	U-Value	SHGC	Selectivity*
PH05(30)Clr	Blue	6mm PH05(30)Clr + 12mm + 6mm	45	28	23	1.6	0.36	1.25
PH15(60)EuroGry	Grey	6mm PH15(60)EuroGry + 12mm + 6mm	29	14	12	1.4	0.20	1.45
PH12(30)Clr	Clear	6mm PH12(30)Clr + 12mm + 6mm	79	51	28	1.4	0.58	1.36
PH15(60)Gry	Grey	6mm PH15(60)Gry + 12mm + 6mm	46	21	27	1.4	0.30	1.53
PH15(60)Clr	Green	6mm PH15(60)Clr + 12mm + 6mm	54	25	24	1.4	0.32	1.68
PH06(60)Clr	Neutral	6mm PH06(60)Clr + 12mm + 6mm	69	33	33	1.4	0.38	1.80
PH11(60)Clr	Blue	6mm PH11(60)Clr + 12mm + 6mm	51	21	32	1.3	0.26	1.96
PH08(60)Clr	Clear	6mm PH08(60)Clr + 12mm + 6mm	68	29	38	1.3	0.34	2.06
PH10(90)Clr	Clear	6mm PH10(90)Clr + 12mm + 6mm	68	26	41	1.3	0.30	2.26
PH07(90)SuperClr	Grey	6mm PH07(90)SuperClr + 12mm + 6mm	69	27	53	1.3	0.30	2.30
PH09(90)Clr	Green	6mm PH09(90)Clr + 12mm + 6mm	46	16	38	1.3	0.20	2.30

\* 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.



# Energy

# PerformaTech ™

Applications

- Facade
- Windows
- Curtain wall
- Overhead Glazing

### Maximum size

From 3300 x 2140mm to 4500 x
2700mm\*

\* Subject to glass type and material thickness

## How to specify

• Select glass name Refer to performance comparison chart

Select thickness – process
6+12+6 IGU

• Custom Performatech IGU Call 1800 810 403 for more information

