PerformaTech™

Top tier performance double glazing

PerformaTech™ is our range of double and triple silver high performance coatings that are designed to allow high levels of light transmittance in combination with low levels of solar heat gain and an excellent low U Value.

Particularly suited for medium to high rise facades and large glazed areas, the high performance characteristics of PerformaTech™ provide exceptional functionality and excellent design flexibility.

PerformaTech™ is the ideal solution for solar exposed elevations, where high levels of solar heat gain need to be addressed.

The spectrally selective coatings within PerformaTech™ maintain very high levels of light transmission.

With a clear to neutral aesthetic, PerformaTech™ includes a wide range of solar control levels to align with the stringent demands of regulatory requirements.

Features and Benefits

- Exceptional balance of high light transmission, low solar heat gain and low U Values.
- Available only as part of an insulating glass unit (IGU).
- Available with aluminium spacer as standard, this product can be supplied with a warm edge thermal spacer at additional cost.
- PerformaTech™ is suited to large expanses of glazing that require the highest performance in environmental control for energy savings.

Considerations
Installation
- Ensure coating surface is identified and oriented for optimal performance.
- When transported and/or installed at altitudes of 800m and above, breather tubes are required.

Sectors
- Residential - Architectural
- Commercial

Applications
- Windows
- Doors
- Facades
- Overhead Glazing
- Curtain Wall

How to Specify
- **Select glass processor**
  Viridian Glass
- **Select glass name**
  PerformaTech™
- **Select tone & thickness**
  PH08, PH20, PH25 and PH30.
  Custom sizes available, consult Viridian.
- **Select processes**
  Insulated glazed unit with heat strengthened or toughened.
- **Select spacer**
  - Aluminium
  - Warm Edge

Performance Data

Product Name	Outside Glass	Inside Glass	Nominal Thickness (mm)	VLT (%)	U Value	SHGC	Selectivity
PerformaTech™ PH08 Clear	PerformaTech™ PH08	VFloat™ Clear	6+12+6	68	1.30	0.33	2.01
PerformaTech™ PH20 Clear	PerformaTech™ PH20	VFloat™ Clear	6+12+6	46	1.30	0.19	2.42
PerformaTech™ PH25 Clear	PerformaTech™ PH25	VFloat™ Clear	6+12+6	59	1.30	0.25	2.36
PerformaTech™ PH30 Clear	PerformaTech™ PH30	VFloat™ Clear	6+12+6	68	1.30	0.29	2.34
PerformaTech™ PH30 Light Grey	VFloat™ Light Grey	PerformaTech™ PH30	6+12+6	47	1.30	0.29	1.62
PerformaTech™ PH30 Grey	VFloat™ Grey	PerformaTech™ PH30	6+12+6	32	1.30	0.23	1.39
PerformaTech™ PH30 Green	VFloat™ Green	PerformaTech™ PH30	6+12+6	58	1.30	0.31	1.87
PerformaTech™ PH30 Bronze	VFloat™ Bronze	PerformaTech™ PH30	6+12+6	39	1.30	0.26	1.50

Note: All performance data is determined using LBL window 7 software. NFRC 100 - 2010 conditions have been used. Glass surfaces are counted from the exterior to the interior of the building. Refer to Viridian Performance Data for more values.