



PRODUCT

PerformaTech™

High performance double glazing – for top-tier thermal performance & light transmission

We believe that light and comfort should go hand-in-hand. That's why we created PerformaTech™ – giving you the opportunity to design beautiful, affordable and sustainable buildings.

PerformaTech™ balances high levels of light transmission with very low levels of solar heat gain to provide you with a brighter and more comfortable space.

The **PerformaTech™** range uses a high performance coating that restricts UV and infrared radiation from passing through but importantly provides exceptional levels of natural appearance.

The high levels of performance associated with **PerformaTech™**, affords 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). **PerformaTech™** is available in either heat strengthened or toughened form. Our standard range includes 8 products. However, any performance characteristics can be matched using **PerformaTech™**.

Units must be installed with Viridian product label facing to the exterior.

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.
- Local range of product combinations.
- Available only as part of an insulating glass unit (IGU) for maximum performance.
- Available with aluminium spacer as standard, this product can be supplied with a warm edge thermal spacer at additional cost.

Applications

- Windows
- Facades
- Overhead glazing
- Curtain wall

Maximum Size

- 4500mm x 2700mm
* Subject to glass type and material thickness

How to Specify

- **Select glass name**
Refer to performance comparison table
- **Select thickness - process**
6+12+6 IGU
- **Select spacer type**
Available with aluminium spacer as standard

✓ Performance Comparison

| Outside Glass | Inside Glass | Nominal Thickness | VLT | U Value | SHGC |
|--------------------|-----------------|-------------------|-----|---------|------|
| PermaTech™ PH08 | VFloat™ Clear | 6+12+6 | 68 | 1.3 | 0.33 |
| PermaTech™ PH20 | VFloat™ Clear | 6+12+6 | 46 | 1.3 | 0.19 |
| PermaTech™ PH25 | VFloat™ Clear | 6+12+6 | 59 | 1.3 | 0.25 |
| PermaTech™ PH30 | VFloat™ Clear | 6+12+6 | 68 | 1.3 | 0.29 |
| VFloat™ Light Grey | PermaTech™ PH30 | 6+12+6 | 47 | 1.3 | 0.29 |
| VFloat™ Grey | PermaTech™ PH30 | 6+12+6 | 32 | 1.3 | 0.23 |
| VFloat™ Green | PermaTech™ PH30 | 6+12+6 | 58 | 1.3 | 0.31 |
| VFloat™ Bronze | PermaTech™ PH30 | 6+12+6 | 39 | 1.3 | 0.26 |

PermaTech™ is a trademark of Viridian Glass