Glazing Options

All of our glass comes with a full 10-year guarantee against unit breakdown.

All products are internally glazed as standard, with full integrated drainage, high security closed-pore glazing tape to both faces and silicone seal internally and externally.

Means this glass complies with Part Q of building regulations required for accesible doors in new build properties.

☐ ComfortPack
£

The standard option represents what has become the modern standard for energy efficient double glazed windows.

Energy performance: **centre pane U-value is 1.1**
Acoustic performance: **RW31dB**

UNIT MAKE-UP

Outer pane	Diamant	4mm
Cavity	Argon-filled	20mm
Inner pane	Low-E, Total+	4mm*

☐ Security Pack
££

With enhanced security and basic acoustic protection, the Security option builds on the energy efficiency and winter comfort properties of the Comfort option for double glazed windows.

Energy performance: **centre pane U-value is 1.1**
Acoustic performance: **RW35dB**

UNIT MAKE-UP

Outer pane	Planilux	6.8mm
Cavity	Argon-filled	16mm
Inner pane	Low-E, Total+	4mm*

☐ Energy Pack
££

The Energy option provides a highly energy efficient solution for triple glazed windows. Triple glazed units allow a high level of solar heat gain, capturing free heat energy from natural daylight to warm the home.

Energy performance: **centre pane U-value is 0.7**
Acoustic performance: **RW35dB**

UNIT MAKE-UP

Pane 1	Diamant	4mm
Cavity	Argon-filled	16mm
Pane 2	Low-E, Total+	4mm
Cavity	Argon-filled	12mm
Pane 3	Low-E, Total+	4mm

☐ Silence Pack
£££

The Silence option represents a glazing specification that delivers real peace and quiet for those customers who want to escape from the hustle and bustle of the outside world.

Energy performance: **centre pane U-value is 1.2**
Acoustic performance: **RW37dB**

UNIT MAKE-UP

Outer pane	Eco PVB interlayer	6.4mm*
Cavity	Argon-filled	12mm
Inner pane	Stadip Silence	8.8mm*

☐ Ultimate Pack
££££

The Ultimate option offers homeowners the optimum performance characteristics available for triple glazed window units.

Energy performance: **centre pane U-value is 0.7**
Acoustic performance: **RW=38dB**

UNIT MAKE-UP

Pane 1	Diamant	6.0mm
Cavity	Argon-filled	12mm
Pane 2	Low-E, Total+	4mm
Cavity	Argon-filled	12mm
Pane 3	Low-E, Total+	6.8mm*

Please note that the order of panes within these glass packs may be changed to incorporate other features of your project better; i.e. obscure glazing. This is at our discretion but will not alter the overall performance characteristics given.

LandVac Vacuum Glazing

£££££

The future of fenestration! Vacuum glazing offers exceptional energy performance and acoustic value. This ultra thin profile means using either the heritage or frontier window and door range.

Energy performance: centre pane U-value is 0.48
Acoustic performance: RW39dB

UNIT MAKE-UP

Outer pane	Clear	4.0mm
Cavity	Vacuum Filled	0.3mm
Inner pane	Low-E	4.0mm

Security Vacuum Glazing

£££££

As the LandVac Vacuum Glazing, but with the added benefit of a laminated outer pane for compliance with P1A security standards.

Energy performance: centre pane U-value is 0.48
Acoustic performance: RW41dB

UNIT MAKE-UP

Outer pane	Eco PVB Interlayer	6.8mm
Cavity	Vacuum Filled	0.3mm
Inner pane	Low-E	4.0mm

A guide to Vacuum Glazing

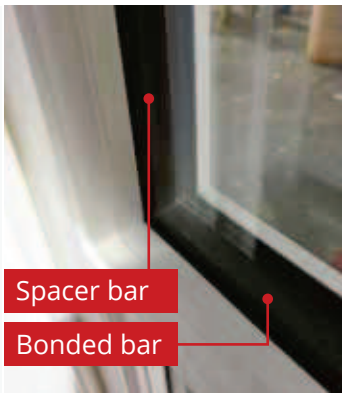
The future of glass units, offering extreme performance in an ultra thin and highly sustainable unit. Note that this glass has small pillars within the unit which are visible when close up and plugs/getters which can be visible in very large glass units. Please ask if you need any further assistance with this product.

U-values: A U-value is the rate of heat loss through a material. The lower the U-Value, the less heat will be lost and the more efficient (and money saving) the unit will be.

Acoustic Performance: Acoustic performance levels are expressed using the index Rw (C; Ctr) expressed in decibels (dB) Rw is used to categorise products and compare them to one another. A higher number represents a higher percentage reduction of the noise frequency. The Rw value is not normally used to assess the sound insulation level of a particular element. For noise containing predominantly high- and medium-range frequencies, the sound insulation level of a product is determined using the index Rw + C = RA.

A guide to spacer bars

A spacer bar is used to separate the panes of glass in a double or triple glazed unit. Under current building regulations, spacer bars are required to be warm edged to reduce thermal transmittance between panes. Bonded bars are simply spacer bars used back-to-back to separate plant-on glazing bars – giving the illusion of depth and mimicking traditional style.



SPACER BAR COLOUR

Black warm edge spacer. This is our standard option. It gives the impression of a shadow in the rebate. £

Grey warm edge spacer. This is a premium option. £

White warm edge spacer. This is a premium option. Please note that the white spacer can be susceptible to fading/greying under UV light. £