



Triple Glazing Solution

Keep more heat in and more cold out

spectus

n. look, appearance, aspect

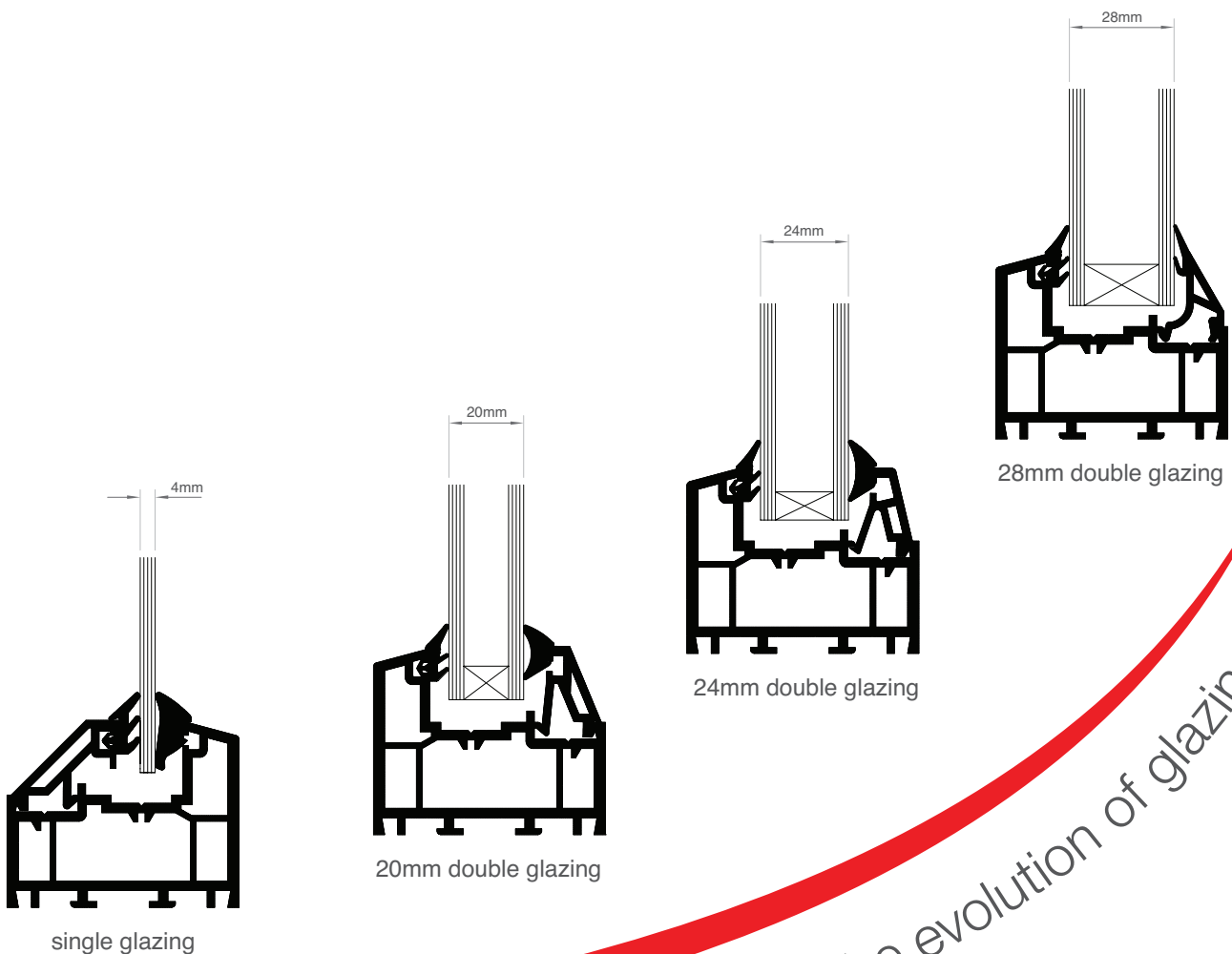


Why does Triple Glazing make such a difference?

Spectus Window Systems continues their innovation in new product development. With the predicted changes in Building Regulations which look set to demand lower U-values, the Spectus triple glazing solution, is an easy and cost effective way to comply.

Spectus has two aesthetically pleasing triple glazing beads, one chamfered and one ovolo. The beads are stocked in standard finishes and they are also available in the Spectrum range of over 70 different colours and woodgrain finishes.

Many variations of glass coatings, spacer bars, edge sealants and gas fills can be used to provide bespoke options to balance cost and performance. For example, triple glazed units, argon filled can deliver $0.8W/(m^2.K)$ whole window U-values.





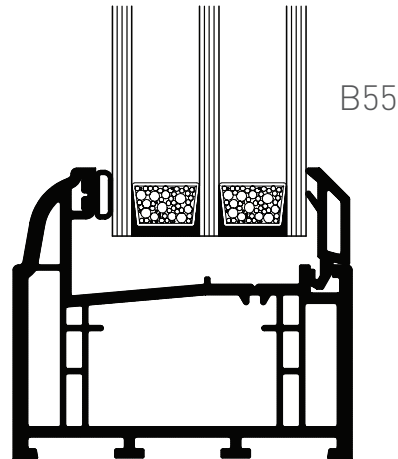
Features at a glance

- Triple glazing can provide higher levels of thermal insulation than double glazing. Reduced energy bills therefore, reduced carbon footprint
- Two cavities for extra insulation
- The use of simple additional components will allow an otherwise standard casement window to achieve a whole window U-Value of 0.8 W/(m².K)
- Many variations of glass coatings, spacer bars, edge sealants & gas fills can be used to provide bespoke options to balance cost/performance
- B66 allows the use of a 44mm IGU in Elite 70 & 40mm IGU in Elite 63
- B55 allows the use of a 40mm IGU in Elite 70 & 36mm IGU in Elite 63
- The Elite 70 44mm option provides two 16mm cavities for optimum performance using Argon fill (and not expensive Krypton fill). Making the Spectus solution possibly the most cost effective option on the market

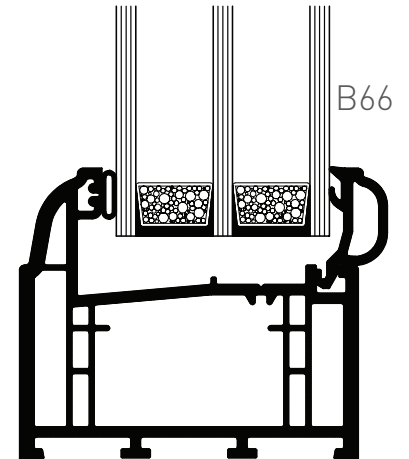


Our offering

ELITE 70

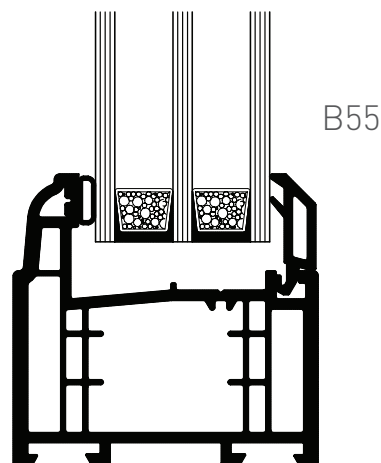


40mm IGU (14mm cavities)
in Elite 70

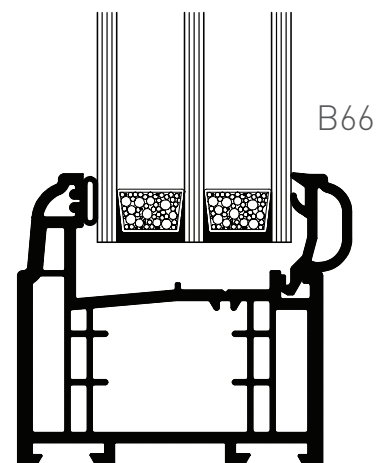


44mm IGU (16mm cavities)
in Elite 70

ELITE 63



36mm IGU (12mm cavities)
in Elite 63



40mm IGU (14mm cavities)
in Elite 63

Spectus has developed 2 aesthetically pleasing beads that suit triple glazing as shown above



There has been a great deal of industry discussion about Triple Glazing

Spectus is committed to continually developing its product range and staying at the forefront of industry developments.

Q&As

Q: Cost – is fitting triple glazing a lot more expensive?

A: The difference in the cost of a triple glazed window can contribute towards the savings with regard to rising energy prices and the amount of heat that is lost through standard windows. If homeowners are looking to reduce heating bills, then this energy efficient option goes a long way to assist.

From a fabricators point of view the bead and profile in a triple glazing installation are a similar price so the only additional component cost in a typical house installation would be the glass.

Q: Weight – as a triple glazed window is heavier will the hardware give adequate support?

A: As per normal practice check that the hardware will take the weight of the unit. Ensure also that this extra weight is taken into consideration on site and up your man power accordingly.

Q: Sound – does triple glazing keep the noise out any better than double glazing?

A: The perception will be to expect more noise reduction.

Q: Is additional reinforcement required?

A: Additional reinforcement is not required – although a triple glazed unit can be half as heavy again than a double glazed unit, fabricators don't need to worry about extra reinforcement. Fabricators should reinforce the frame in accordance with the reinforcement specifications in the technical manuals.

Q: How is hardware affected?

A: Select the right hardware – the unit's extra weight will have an impact on the hardware that fabricators choose. As with double glazed units, the right size hinges must be fitted to support the sash weights, so we encourage fabricators to check the hardware will take the weight of the unit.

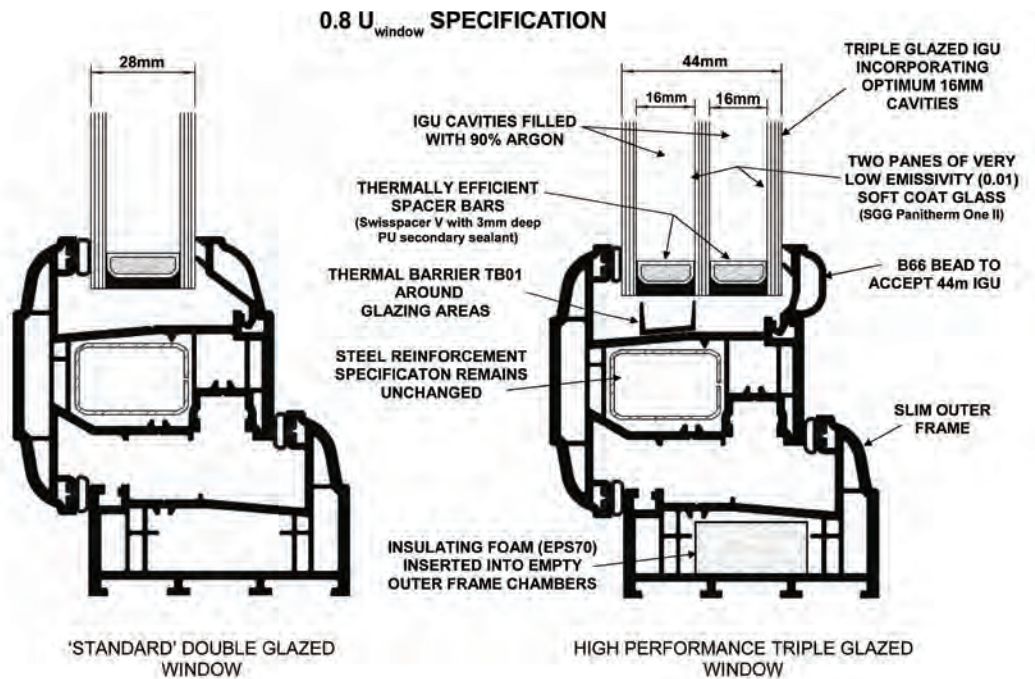
Q: What standards apply to triple glazing?

A: The usual standards still apply – as with the installation of double glazed windows, triple glazed windows must be installed in accordance with British Standards Institution requirements and the British Plastics Federation's Codes of Practice; the glass must be toe and heeled in the correct manner and installers should use the correct size glass packers for the size of unit being installed.



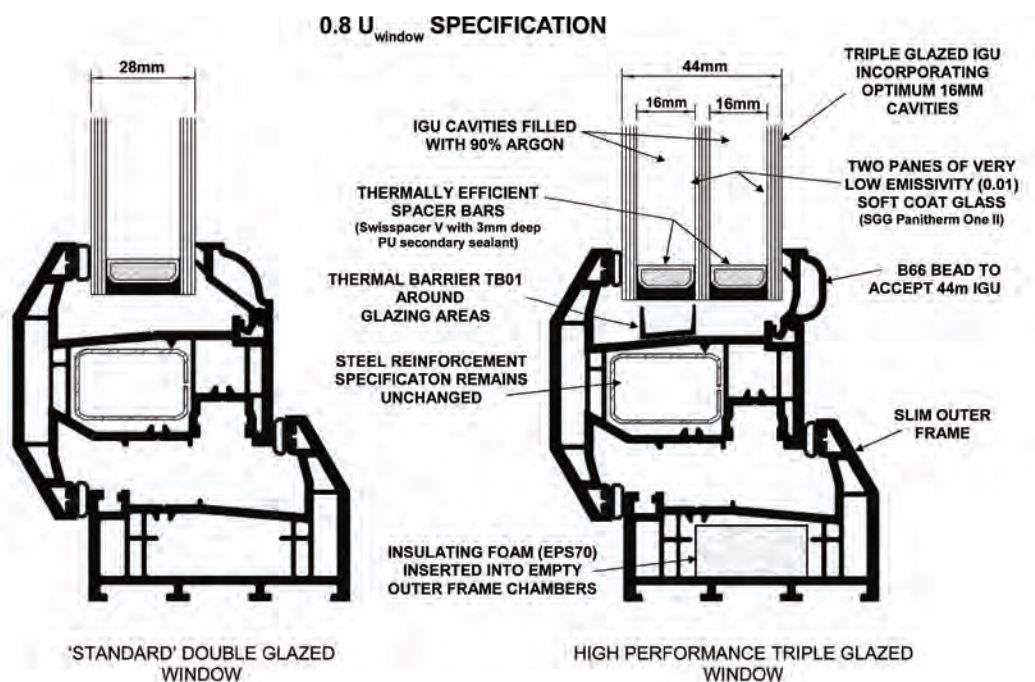
Extra Performance – Elite 70 Ovolo

ELITE 70 

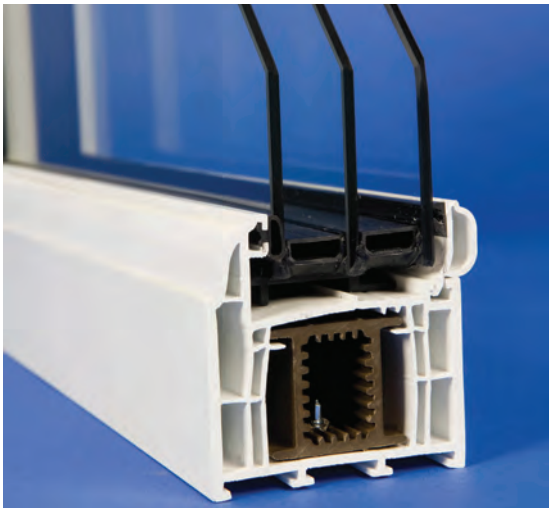
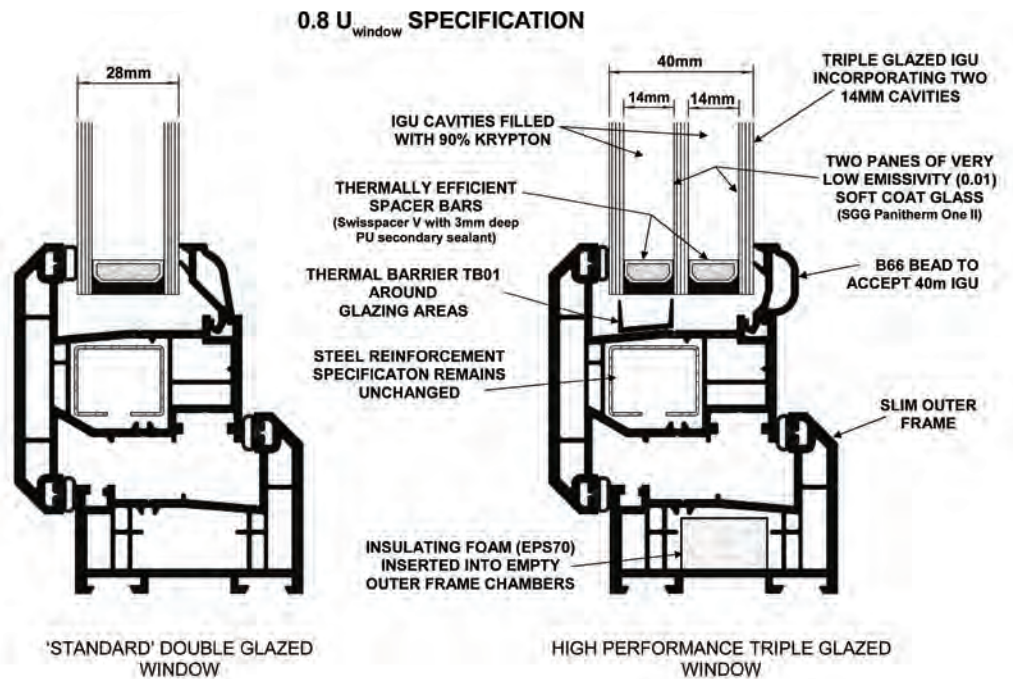


Extra Performance – Elite 70 Bevelled

ELITE 70 



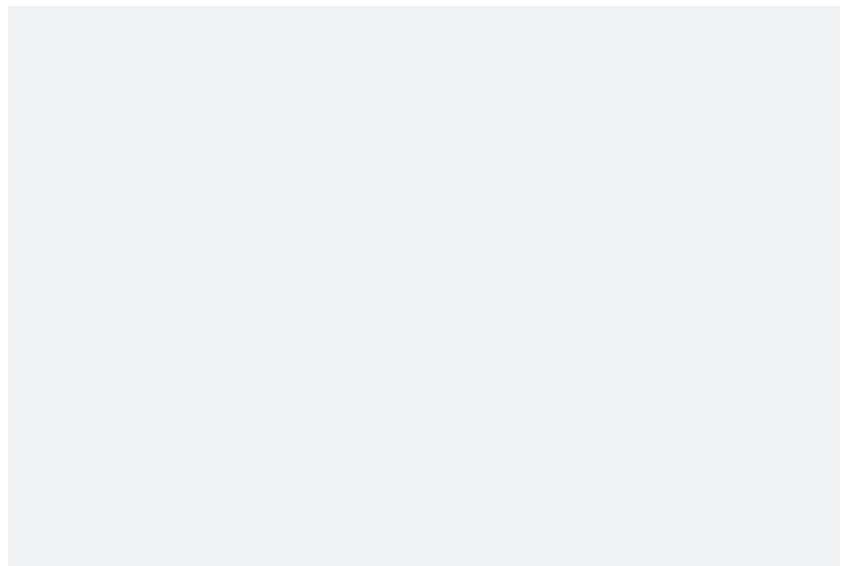
Extra Performance – Elite 63 Chamfered



In a climate when times are tough, embrace this unique up sell opportunity and really make a difference to your bottom line.

Please contact us to find out more
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or email contacting@spectus.co.uk

If you require any further help or assistance please
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