



Tedworth House, Tidworth, Wiltshire

N&C Glass supplied 1500 Eco-lite™ Slim Units during the re-fit phase of Tedworth House in Wiltshire during the recent building renovation. With our unique, ultra thin sealed units designed in-house by our team of specialists, the overall efficiency of the windows have been significantly improved whilst still retaining the authentic heritage feature and appeal of this beautiful period building.



St James School, Bermondsey, London SE1

N&C Glass supplied over 3000 Eco-Lite™ Slim Units over a 3 month period to St James School in Bermondsey during a refurbishment project. Our Eco-Lite™ Slim Units offer a reduced sightline and manufactured as a traditional hermetically sealed unit. Eco-Lite™ Slim Units were chosen to retain the buildings' established appearance and accentuate the beauty of the period property, whilst attaining modern features that eradicates problems caused by old windows.



The ultra slim sealed unit you will not see

The eco - friendly double glazed sealed unit that will enhance time aged traditional timber windows for the Heritage and Conservation market.



Nicholls & Clarke
Est 1875

For further information please contact
info.glass@nichollsandclarke.com | 0845 605 1350 | www.ncglass.com/conservation



Heritage & Conservation



The Ultra Slim Sealed Units You Will Not See!

Eco-Lite™ Slim range
Incorporating Eco-Lite™ Slim Premium

Premium The only traditionally manufactured slim unit on the market with a true hollow rigid spacer for traditional timber sash windows

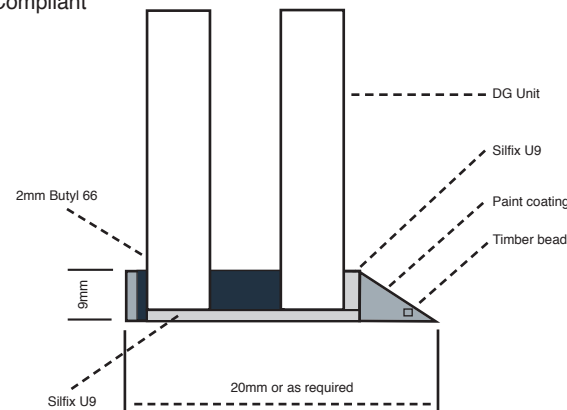
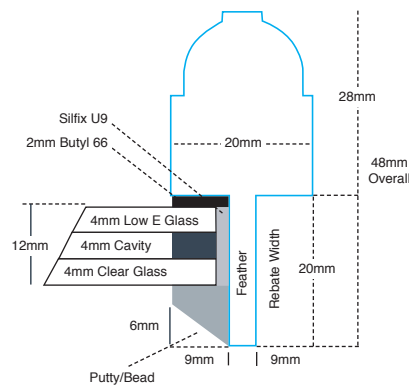
Eco-Lite™ Slim range

Heritage and Conservation

Details are paramount when retaining a buildings' established appearance so at N&C we pride ourselves in offering glass solutions that accentuate the beauty of period properties yet attaining modern features that eradicate problems caused by old windows.

As part of the well established Eco-lite™ Slim standard sealed unit range Eco-Lite Slim Premium has been developed as an ultra slim sealed unit incorporating a traditional aluminium spacer bar. This unique product is the ideal solution for a modern new build window with a traditional appearance compliant to EN1279 parts 1-6.

- 5.5mm, 7mm and 8.5mm Sightlines
- Warm Edge and Aluminium Spacer Bar
- Hollow Rigid Spacer Bar
- 4mm & 6mm Cavities
- Unit Thickness from 11-14mm
- Warm Edge Technology
- U-Values (W/m2k) 1.2 – 2.6
- Argon, Krypton and Xenon Gases
- Improved Thermal Insulation
- Glass Options: Heritage, Acoustic & Laminated
- Option to glaze in traditional timber sash windows, metal frames and single glaze rebates
- 5 Year Guarantee
- EN1279 Compliant



N&C Eco-lite™ Slim comes in a range of finishes, available for renovating or the restoration of period properties. Each option offers a reduced sightline & manufactured as a traditional hermetically sealed unit.

When glazing Eco-Lite™ Slim units it is important to prevent the ingress of water into any rebate as to retain the integrity of the seal. The following products are recommended:

Non setting glazing compound: Hodgsons Butyl 66
Sealant: Hodgsons Silfix U9

Eco-Lite™ Slim - product application

- Edge seal should not have signs of damage or adjustment in anyway.
- Units should be stored in a clean and dry environment.
- No chemicals should come in contact with the edge seal including alcohol based cleaners.
- All apertures must be dry and free from debris and existing glazing products.
- The units should be bedded on butyl putty or compatible low modulus neutral cure silicone.
- Setting blocks must be used with the recommended void being left between the sealed unit and frame.
- All voids should be filled using a compatible low modulus neutral cure silicone and allowed to cure.
- Butyl or compatible multi-purpose face putty to be applied and should be allowed to cure.
- Timber beads should be applied using a compatible low modulus neutral cure silicone or compatible edge tape.
- The sealed unit voids are to be fitted as previously stated.
- Final decoration applied in accordance with GGF guidelines including a 2mm over paint onto glass surface.
- All timber joints and breads are to be sealed and capped with a low modulus neutral cure silicone.

Eco-Lite™ Slim

4mm Black or White Warm Edge with 5.5mm Sightline

Glass Make Up	U-Value
4mm Softcoat / Argon Gas / 3mm or 4mm Float	2.6
4mm Softcoat / Argon Gas / 4mm Patterned	2.6
4mm Softcoat / Krypton Gas / 3mm or 4mm Float	1.9
4mm Softcoat / Krypton Gas / 4mm Patterned	1.9
4mm Softcoat / Special Gas / 3mm or 4mm Float	1.6
4mm Softcoat / Special Gas / 4mm Patterned	1.6
4mm Softcoat / Xenon Gas / 3mm or 4mm Float	1.5
4mm Softcoat / Xenon Gas / 4mm Patterned	1.5

Eco-Lite™ Slim

4mm Black or White Warm Edge with 7mm Sightline

Glass Make Up	U-Value
4mm Softcoat / Krypton Gas / 3mm or 4mm Float	1.9
4mm Softcoat / Krypton Gas / 4mm Patterned	1.9
4mm Softcoat / Argon Gas / 3mm or 4mm Float	2.6
4mm Softcoat / Argon Gas / 4mm Patterned	2.6
4mm Softcoat / Special Gas / 3mm or 4mm Float	1.6
4mm Softcoat / Special Gas / 4mm Patterned	1.6
4mm Softcoat / Xenon Gas / 3mm or 4mm Float	1.5
4mm Softcoat / Xenon Gas / 4mm Patterned	1.5

Eco-Lite™ Slim Premium

4mm Black or Silver with 8.5mm Sightline

Glass Make Up	U-Value
4mm Softcoat / Krypton Gas / 3mm or 4mm Float	1.9
4mm Softcoat / Krypton Gas / 4mm Patterned	1.9
4mm Softcoat / Argon Gas / 3mm or 4mm Float	2.6
4mm Softcoat / Argon Gas / 4mm Patterned	2.6
4mm Softcoat / Special Gas / 3mm or 4mm Float	1.6
4mm Softcoat / Special Gas / 4mm Patterned	1.6
4mm Softcoat / Xenon Gas / 3mm or 4mm Float	1.5
4mm Softcoat / Xenon Gas / 4mm Patterned	1.5

Eco-Lite™ Slim

6mm Black or White Warm Edge with 5.5mm Sightline

Glass Make Up	U-Value
4mm Softcoat / Krypton Gas / 3mm or 4mm Float	1.5
4mm Softcoat / Krypton Gas / 4mm Patterned	1.5
4mm Softcoat / Argon Gas / 3mm or 4mm Float	2.0
4mm Softcoat / Argon Gas / 4mm Patterned	2.0
4mm Softcoat / Special Gas / 3mm or 4mm Float	1.3
4mm Softcoat / Special Gas / 4mm Patterned	1.3
4mm Softcoat / Xenon Gas / 3mm or 4mm Float	1.2
4mm Softcoat / Xenon Gas / 4mm Patterned	1.2

Eco-Lite™ Slim

6mm Black or White Warm Edge with 7mm Sightline

Glass Make Up	U-Value
4mm Softcoat / Krypton Gas / 3mm or 4mm Float	1.5
4mm Softcoat / Krypton Gas / 4mm Patterned	1.5
4mm Softcoat / Argon Gas / 3mm or 4mm Float	2.0
4mm Softcoat / Argon Gas / 4mm Patterned	2.0
4mm Softcoat / Special Gas / 3mm or 4mm Float	1.3
4mm Softcoat / Special Gas / 4mm Patterned	1.3
4mm Softcoat / Xenon Gas / 3mm or 4mm Float	1.2
4mm Softcoat / Xenon Gas / 4mm Patterned	1.2

Eco-Lite™ Slim Premium

6mm Black or Silver with 8.5mm Sightline

Glass Make Up	U-Value
4mm Softcoat / Krypton Gas / 3mm or 4mm Float	1.5
4mm Softcoat / Krypton Gas / 4mm Patterned	1.5
4mm Softcoat / Argon Gas / 3mm or 4mm Float	2.0
4mm Softcoat / Argon Gas / 4mm Patterned	2.0
4mm Softcoat / Special Gas / 3mm or 4mm Float	1.3
4mm Softcoat / Special Gas / 4mm Patterned	1.3
4mm Softcoat / Xenon Gas / 3mm or 4mm Float	1.2
4mm Softcoat / Xenon Gas / 4mm Patterned	1.2

Along with our standard range of Eco-Lite™ Slim, N&C Glass can also incorporate the following products:

4.5mm Heritage Glass, 4mm Activ Float & Toughened, 6mm Float & Toughened, 6.4mm Lam and 6.8mm Acoustic.

Min Area: .30 on all orders
Straight Shapes + 25%
all Curves and Non-Regular Shapes + 50%
(Subject to confirmation from N&C Glass Fareham)

Minimum Size: 150 x 250 Toughened
Maximum Size: 4mm Spacer 600 x 600 / 500 x 1000
Maximum Size: 6mm Spacer 1000 x 1000 / 800 x 1600

U Values are Indicative