Frequently Asked Questions
Glazing Options

Our ethos is one of **Quality, Service and Value… Guaranteed**

At Turkington we utilise the most modern materials available. Our market leading glazing now usually incorporates a 90% Argon gas fill cavity, Low Emmisive Coating (LowE) and a warm edge spacer bar.

We can also offer glass options for:

- Improved acoustics.
- UV light reduction.
- Increased security.
- Large sizes.

Glass

- LowE heat reflective coating – maximises solar gain and minimises heat loss. Maximises natural light without the haze and tint of cheaper options.
- 90% Argon Gas filled – acts as a better buffer than dry air.
- Warm Edge Spacer Bar – reduces heat loss around the edge of the glass units.

Frames

- Multi-chambered reinforced profiles for robust strength, security and heat performance.
- Co-extruded integral gaskets for air tight seal for life.
- Internally glazed.
- Wide choice of colour, design options and finishes.

Heat

With Turkington windows cold spots are reduced, leaving the inner pane warmer and your home much more comfortable.

Additionally, our secure locking and 4-part fitting (Foam, Bolt, Seal and Trim) reduces draughts and noise so keeping your home safer and more comfortable.

Noise

Turkington glazing offers a range acoustic glass options.

Security

We have options of either Toughened or Laminated glass to make your some safer and more secure. Laminated glass offers increased security as it becomes progressively more difficult to break through the glass even when it has been broken.

U.V. Light

Laminated glass is manufactured by bonding together two or more layers of high-quality float glass under heat and pressure using an interlayer of polyvinyl butyral (PVB). The PVB has no adverse effect on light transmission but absorbs in excess of 99% of ultraviolet light. This helps reduce fabrics being bleached by the sun.

Weight

Opening sashes are limited to 40kg. This is normally more than adequate for most homes. We upgrade our hinges to a Mega 'Heavy Hinge' with easy clean and egress options when required.

Large Size

Glazed units can go up to 6m^2, depending on glass type chosen. This gives great flexibility on larger windows and doors.

Condensation

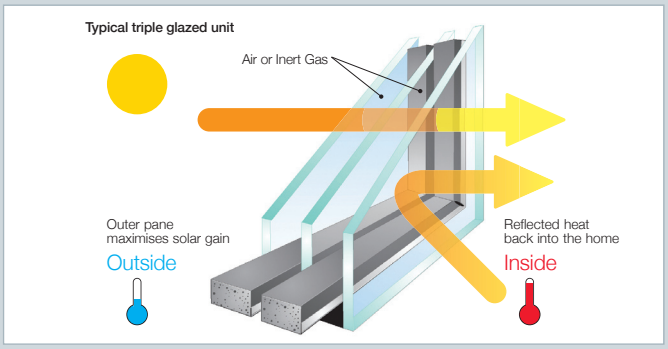
Due to the difference between external and internal temperatures, condensation may be formed on windows. Since modern glazed windows have additional air pockets, heat does not seep through at a fast pace so the internal temperature difference is significantly reduced. This helps to keep your internal pane clear and dry.

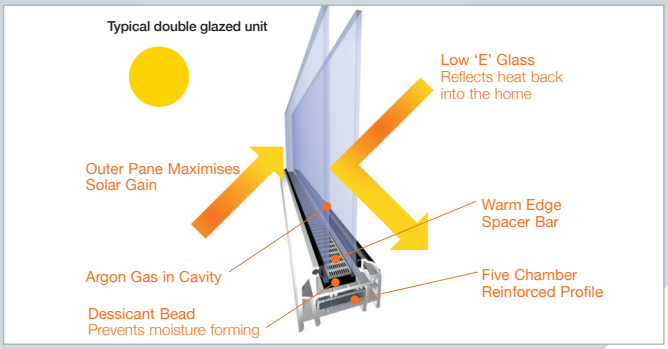
Not all glass units are the same

Did you know that our glass units **routinely** undergo the following tests:

- **Fragmentation:** Safety from shards in laminate glass.
- **Mechanical Strength:** Make sure it meets wind and weight specifications.
- **Roller Wave:** Keep it flat and the glass is not 'Wavy'.
- **Sealant:** Ensure the glass and spacer bar bond is strong, for a long long unit life.
- **Desiccant:** Lets the Argon work efficiently.
- **Heat Soaking:** Test toughened glass for purity.

These routine tests ensure that you get the best performing glass in the market, which will serve you for years to come. Glass, it maybe clear, but it's not simple!





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Glazing Specifications

NAME			'U' VALUE	VISIBLE LIGHT TRANSMITTANCE	ULTRAVIOLET TRANSFER	SOLAR ENERGY REFLECTANCE	SOLAR HEAT GAIN	WEIGHT KG / M^2	NOISE REDUCTION	LOW E COATING	ARGON 90% FILL	WARM EDGE SPACER BAR	CHAMFERED FRAME	SCULPTURED FRAME
Product Name	Glass Widths	Total Width												
DOUBLE GLAZING														
Float 4mm	4mm / 4mm	(28mm)	2.7	83%	65%	14%	0.79	20kg	30Db	✗	✗	✓	✓	✓
Double A	4mm / 4mm	(28mm)	1.1	82%	32%	23%	0.69	20Kg	30Db	✓	✓	✓	✓	✓
Double A+	4mm / 4mm	(28mm)	0.9	76%	29%	42%	0.49	20Kg	30Db	✓+	✓	✓	✓	✓
Float 6mm	6mm / 6mm	(28mm)	2.7	83%	60%	13%	0.77	30Kg	33Db	✗	✗	✓	✓	✓
Standard 6mm	6mm / 6mm	(28mm)	1.2	81%	31%	22%	0.67	30Kg	33Db	✓	✓	✓	✓	✓
Solar 6mm	6mm / 6mm	(28mm)	1.0	69%	28%	39%	0.40	30Kg	33Db	✓	✓	✓	✓	✓
Laminate 4mm	6.4mm / 4mm	(28mm)	1.1	81%	3%	19%	0.66	25Kg	36Db	✓	✓	✓	✓	✓
Laminate 6mm	6.4mm / 6mm	(28mm)	1.1	81%	3%	19%	0.66	25Kg	37Db	✓	✓	✓	✓	✓
Acoustic 4mm	8.8mm / 4mm	(28mm)	1.3	80%	1%	17%	0.64	35Kg	40Db	✓	✓	✓	✓	✓
Acoustic 6mm	8.8mm / 6mm	(28mm)	1.2	80%	3%	18%	0.64	35Kg	41Db	✓	✓	✓	✓	✓
Anti-Bandit 4mm	6.8mm / 4mm	(28mm)	1.1	81%	1%	18%	0.66	30Kg	36Db	✓	✓	✓	✓	✓
Anti-Bandit 6mm	6.8mm / 6mm	(28mm)	1.2	81%	1%	18%	0.65	30Kg	37Db	✓	✓	✓	✓	✓
TRIPLE GLAZING														
Triple 4mm	4mm / 4mm / 4mm	(36mm)	0.8	74%	17%	27%	0.59	30Kg	31Db	✓	✓	✓	✗	✓
Triple 4mm	4mm / 4mm / 4mm	(40mm)	0.7	74%	17%	27%	0.59	30Kg	31Db	✓	✓	✓	✓	✗
Triple 6mm	6mm / 6mm / 6mm	(36mm)	1.0	73%	16%	26%	0.57	45Kg	33Db	✓	✓	✓	✗	✓
Triple 6mm	6mm / 6mm / 6mm	(40mm)	0.8	73%	16%	26%	0.57	45Kg	33Db	✓	✓	✓	✓	✗
Triple Acoustic 4mm	8.8mm / 4mm / 4mm	(36mm)	0.9	73%	0%	21%	0.55	40Kg	40Db	✓	✓	✓	✗	✓
Triple Acoustic 4mm	8.8mm / 4mm / 4mm	(40mm)	0.8	73%	0%	21%	0.56	40Kg	40Db	✓	✓	✓	✓	✗
Triple Acoustic 6mm	8.8mm / 6mm / 6mm	(36mm)	1.0	72%	0%	20%	0.55	50Kg	42Db	✓	✓	✓	✗	✓
Triple Acoustic 6mm	8.8mm / 6mm / 6mm	(40mm)	1.2	72%	0%	19%	0.54	50Kg	42Db	✓	✓	✓	✓	✗
			HOW WARM IS IT? LOWER THE BETTER	HOW CLEAR IS IT? HIGHER % IS CLEARER	WILL IT FADE FABRICS? HIGHER IS MORE UV LIGHT COMING IN	HOW MUCH OF THE SUN'S HEAT WILL IT REFLECT BACK? LOWER IS LESS REFLECTIVE	HOW MUCH SUN HEAT WILL COME IN? HIGHER IS MORE	HOW HEAVY IS IT?	WILL IT BE QUIETER? HIGHER IS QUIETER	COATING TO REFLECT HEAT BACK INSIDE	INERT, DENSER GAS TO STOP HEAT CONVECTION	SEALS THE EDGE OF THE UNIT	STRAIGHT EXTERNAL EDGE	ROUNDED EXTERNAL EDGE

Note:
This table is for illustration only.
Specifications are subject to change.

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