

Glossary A-Z

Common glazing terms used across our datasheets and technical guides

Term	Meaning
Annealed glass	Standard float glass with no heat treatment — breaks into sharp shards.
Argon	Optional inert-gas cavity fill; 34% lower thermal conductivity than air.
DGU	Double Glazed Unit — two panes of glass separated by a sealed, gas-filled cavity.
Desiccant	Moisture-absorbing material held inside the spacer bar, keeps the cavity dry.
g-value	Solar factor — the proportion of solar energy that passes through the glass.
Krypton	Denser inert gas fill used in slim cavities where argon has less room to work.
Laminated glass	Two or more plies bonded with an interlayer; stays intact after breakage.
Low-E	Low-emissivity coating that reflects radiant heat back into a room.
PIB	Polyisobutylene — the primary moisture and gas-barrier seal on a sealed unit.
Psi value (Ψ)	A measure of heat loss at the glass/spacer/frame junction (linear thermal transmittance).
Rw	Weighted sound reduction index — the standard rating for acoustic glass performance, in dB.
Spacer bar	The perimeter frame that holds the panes apart and forms the sealed cavity.
TGU	Triple Glazed Unit — three panes of glass with two sealed, gas-filled cavities.
Toughened glass	Heat-treated glass, 4-5x stronger than annealed, breaks into small granules.
Uw	Whole-window U-value, including the frame and edge effects — used for WER ratings.
Ug	Centre-of-glass U-value for the sealed unit alone, excluding the frame.
Warm edge spacer	Low-conductivity spacer bar material that reduces the cold bridge at the unit edge.
WER	Window Energy Rating — a banded rating (A++ to G) for whole-window thermal performance.

How to Order

Contact our sales team: 020 8574 9342 | 07305 993794 | sales@csultd.co.uk | csultd.co.uk — quotes returned within 2 business hours (Mon-Fri, 8am-5pm).