



THE SASH
WINDOW
WORKSHOP

TSWW GLASS QUALITY STANDARDS





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QUALITY STANDARDS

Glass is a mass produced product which is prone to damage and small defects during the various processes involved in manufacturing, cutting and handling the glass and the glazing process itself. Within the construction industry the Glass & Glazing Federation (GGF) is the recognized body that sets the standards for the level of defects which are acceptable in glazing for domestic dwellings. They publish a recognized quality standard for the inspection of glass and double glazed units (DGU's).

The Sash Window Workshop is not a member of the GGF, as history tells us that our clients will not necessarily accept glazing to the standards that they publish.

It is vital to our ability to trade successfully that we balance the need to continue to be able to purchase glass at competitive rates from our suppliers, who are members of the GGF, and the need to satisfy our clients' need for a very high standard of product.

To that end we publish our own independent glass quality standards, these are the standards to which we will supply glass and glass units.

In the event of any customer issues with regard to the quality of the glass we supply, we will apply our glazing standards to determine whether or not remedial action is appropriate. If there is a dispute as to the application of these standards, arbitration should be carried out using an independent assessor agreed by both parties.

If you have any questions about these standards please do not hesitate to call us on 01344 868668.

QUALITY CHECKING	TSWW STANDARD	GGF STANDARD
For float glass, standing in the room no less than XXXXX away from the IGU and look directly through the IGU (Glass must be viewed at 90 degrees to the window)	1 Meters	2 Meters
For Toughened, laminated and coated glass, standing in the room no less than XXXXX away from the IGU and look directly through the IGU (Glass must be viewed at 90 degrees to the window)	1.5 Meters	3 Meters
Exclude a XXXXX wide band around the edge of the glass (Edge Zone)	30mm	50mm
When Viewed as above the following criteria will Apply		
Reject if visible scratches in the IGU longer than XXXXX (Exclude edge zone)	All Scratches	25mm Long
Reject if visible scratches in the IGU edge zone longer than XXXXX	5mm	25mm Long
Reject if visible Seeds/Bubbles are greater than XXXXX in the main window area	1mm (or Clustered)	OK unless obtrusive or clustered
Reject if visible Seeds/Bubbles are greater than XXXXX in the edge zone	1mm (or Clustered)	OK unless obtrusive or clustered
Reject if condensation is visible	All	All
Reject if edge spacer above sight line is visible	All	N/A
Reject if Crystalline flaws (non-fused glass splinters inside cavity) visible	All	OK if not obtrusive
Reject for Newton Rings (coloured concentric rings) caused by both panes touching	All	All
Reject for Brewster Fringes (Appears as rainbows) caused by both panes being perfectly flat and in parallel to each other	All	N/A
Reject if edge damage such as chipping/ shelling present	All (if visible)	N/A
Reject if debris between pane	All	N/A
Reject if any visible smears or finger prints present	All	All
Reject if unit is bowed by XXXXX per linear meter	2mm	N/A
Reject if Rollerwave is greater than XXXXX per 300mm linear width	0.5mm	N/A
Is Criteria applicable to Patterned/obscure glass	Yes	N/A