

Wood Window Alliance

High Performance Windows

Product Specification Guide

To ensure windows meet the specifications below, specify Wood Window Alliance windows

Manufacturing

1. Windows must be manufactured to meet or exceed BS 644 or equivalent national standards. *BS 644 specifies requirements for the design, construction and performance of fully finished and glazed factory-assembled timber windows of various types.*
2. Windows must carry third party accreditation as evidence that they have exceeded the standards required by performance tests BS 6375 Parts 1 and 2.
3. Manufacturer must be a current member of the Wood Window Alliance
 - a. Full list of members and contact details refer to www.woodwindowalliance.com
 - b. Choice of manufacturer selected by specifier / contractor

Service Life

1. Windows to have a minimum 60 year service life, supported by independent assessment under *BS ISO 15686-8(2006) Buildings & Construction Assets – Service Life planning Part 8: reference Service Life and Service Life Estimation.*
2. Windows to be supported by paint life warranties from paint manufacturers.

Environmental and responsible sourcing

1. Window frames should be carbon negative, supported by evidence from an independent assessment under PAS 2050.
2. Timber used must be responsibly sourced with either PEFC or FSC chain of custody certification.
3. Manufacturer's chain of custody certificate(s) to be provided.

Energy efficiency

1. Windows to come with evidence of meeting or exceeding current building regs. standards of energy-efficiency.
2. Manufacturer to supply whole window U-value and air leakage and solar gain values.
3. Supported by third party accredited BFRC Window Energy Rating, where registered.

Design

1. Window design style and configuration to be selected from casement / vertical sliding / tilt and turn /fully reversible ranges (*delete as appropriate*).
2. Finishing colours to be selected from either the manufacturer's standard colour range or from the RAL colour series
3. Variations of single glazing to be allowed for historic buildings and/or conservation areas where required

Warranties

All windows must be covered by:

1. A minimum 10-year manufacturer's warranty on defects and joinery, factory fitted insulating glass units and ironmongery.
2. A minimum 8-year manufacturer's warranty on opaque paint factory finish.
3. A minimum 6-year manufacturer's warranty on stain factory finish.