

## Product Specification

## Sash Windows

This document summarises Ayrton Windows & Doors' standard specifications for the manufacture of timber sliding sash windows.

### Frames

Finger-jointed Engineered softwood (Latvian redwood unless otherwise specified).

### Cills

Hardwood (Meranti unless otherwise specified) from a managed source.

### Finish

Water based Preservative	TEKNOS AQUA 1410 – 01– 90 g/m2
Primer	AQUA PRIMER 3130 – 00 – 150 micron/m2
Middle coat	AQUA FILLER 5000 – 00– 150 micron/m2
Finish	AQUA TOP 2600 – 04 RAL 9010 – 250 micron/m2

### Hardware

Standard furniture is as follows:

fitch catches  
internal sash lifts  
insurance-approved (removable key) face-mounted locks  
brass pulleys on roller bearings  
nylon cords or plastic-coated steel sash springs as appropriate

Facing furniture finish options: satin chrome, polished chrome, brass

### Trickle Vents

Trickle vents are not fitted as standard to sash windows, but can be included upon request and will be required in certain installation to comply with UK Building Regulations.

### Sash Horns

Sash horns are fitted to top sashes only as standard. Where the old sashes have existing horns, we will replicate the in situ design if required.

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## WINDOWS & DOORS

### Weathersealing

Sash windows are fitted with soft-brush weathersealing to all mating surfaces.

### Glazing

Our standard double glazing units comply with Document 'L' of UK Building Regulations. Specifics are as follows:

Exterior:	4mm polished St.Gobain or equivalent
Interior:	4mm Low-E St.Gobain or equivalent
Spacer:	12mm warm edge
Spacer fill:	Argon

Whole window value <1.6 W/m2K

### Glazing Bars

Fixed to both exterior and interior faces of the double glazed unit, 23mm in width.

### Architraving/Windowboards

Architraving and windowboards will be provided if required.

### Construction

Box & Frame – Frame is finger-jointed and glued.  
Box depth is 155mm, constructed with 85mm deep sidepockets (40mm for spring-assisted sashes).  
Outer box faces have a cutaway at the bottom to permit rainwater runoff.

Sash – Glued and finger-jointed.

Double glazed units are internally fixed using a traditionally profiled timber bead.

Standard sash dimensions:	Meeting rail	35mm
	Bottom rail	90mm
	Top rail	60mm
	Stiles	50mm
	Sash depth	49mm
Spring assisted:	Box width	55mm
Weight assisted:	Box width	100mm
	Box depth	155mm
	Glazing bars	20mm

### Performance

Exceeds/compliant with BS 6375 Parts 1 & 2

Exceeds/compliant with BS644