

## General Product Specification

This document summarises Ayrton Windows & Doors' standard specifications for the manufacture of timber products:

### Casement Windows

#### Frames

Finger-jointed Engineered softwood (Latvian Redwood unless otherwise specified).  
Accoya available upon request.

#### Cills

FSC Managed/sustainable hardwood (Meranti or Sapele unless otherwise specified).

#### Finish

Water based preservative	TEKNOS AQUA 1410	90 g/m <sup>2</sup>
Primer	TEKNOS AQUA PRIMER 3130	150 micron/m <sup>2</sup>
Middle coat	TEKNOS AQUA FILLER 5000	150 micron/m <sup>2</sup>
Finish	TEKNOS AQUA TOP 2600	250 micron/m <sup>2</sup>

#### Hardware

Standard furniture / ironmongery is as follows:

Butt or Friction hinges

Insurance-approved, face mounted lockable handles & stays & Espagnolette locks

#### Trickle Vents

Trickle vents are fitted as standard to comply with UK Building Regulations but can be excluded upon request for specific projects if required.

#### Glazing

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

Exterior: 4mm St.Gobain or equivalent

Interior: 4mm Low-E St.Gobain or equivalent

Spacer: 16mm warm edge

Fill: Argon

Whole product value better than 1.3 W/m<sup>2</sup>K

\*Please note that safety glass, obscured glass, acoustic glass or other specialised formats can be incorporated by request.

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## Windows & Doors

### **Glazing Bars**

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

### **Weathersealing**

Fitted with 'Q-Ion' weathersealing strip.

### **Architraving**

Architraving and windowboards will be provided if required.

### **Construction**

Finger-jointed and glued.

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

### **Standard Dimensions**

#### **Casements with espagnolette sashes:**

Top rail 64mm  
Bottom rail 90mm  
Stiles 64mm  
Sash thickness 50mm

#### **Casements with espagnolette frame:**

Top head 60mm  
Cill 65mm  
Jamb 60mm  
Mullion and transom 82mm (if applicable)  
Frame thickness 95mm (please note, if casement profile is 99, a standard frame thickness is 99mm)

#### **Casements without espagnolette sashes:**

Top rail 50mm  
Bottom rail 90mm  
Stiles 50mm  
Sash thickness 50mm

#### **Casements without espagnolette frame:**

Top head 60mm  
Cill 65mm  
Jamb 60mm  
Mullion and transom 69mm (if applicable)  
Frame thickness 95mm (note, if casement profile is 99, a standard frame thickness is 99mm)