

General Product Specification

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

Sliding Sash Windows (Spring or Weight assisted):

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 ²
Primer	TEKNOS AQUA PRIMER 3130	150 micron/m ²
Middle coat	TEKNOS AQUA FILLER 5000	150 micron/m ²
Finish	TEKNOS AQUA TOP 2600	250 micron/m ²

Hardware

Standard furniture / ironmongery is as follows:

- Fitch catches internal sash lifts
- Insurance-approved, face-mounted locks
- Pulleys on roller bearings (weights only)
- Nylon cords/ plastic-coated steel springs, as appropriate

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/m²K

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

AYRTON[®]

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 and brushseals.

Architraving

Architraving and windowboards will be provided if required.

Horns

Ayrton's standard sash horn profile will be provided if required. Bespoke profiles can be included upon request.

Construction

Finger-jointed and glued.

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

Standard Dimensions

Meeting rail 35mm Box width

Stiles 50mm

Top rail 50mm Bottom rail 90mm

Sash thickness 50mm

Box depth 155m