

General Product Specification

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

Exterior Doors (Inward Opening)

Frames & Door Leaf

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 2600	250 micron/m ²
Finish	TEKNOS AQUA TOP 2600	250 micron/m ²

Hardware

Standard furniture / ironmongery is as follows:

Banham Locks (x1 L2000 Nightlatch x2 either M2003 or M2002)

Nico Adjustable Hinges

Door knocker

Door knob

Door viewer

Letter box and inner flap

Facing furniture finish options: satin chrome, polished chrome, brass, black or bronze as required.

Glazing

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

Double Glazing

Exterior: 6mm St.Gobain or equivalent (must be safety glass for door leaf)

Interior: 6mm Low-E St.Gobain or equivalent (must be safety glass for door leaf)

Spacer: 20mm warm edge

Fill: Argon

Whole product value better than 1.3 W/m²K

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Windows & Doors

Stained Glass

Exterior: 6mm St.Gobain or equivalent (must be safety glass for door leaf)

Interior: 6mm Low-E St.Gobain or equivalent (must be safety glass for door leaf)

Spacer: 10mm x 2 warm edge

Fill: Argon (10mm x 2)

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.

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 drip rail will be provided if required.

Construction

Finger-jointed and glued.

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

Standard Dimensions

Door Leaf:

Top rail 120mm

Bottom rail 140mm

Stiles 120mm

Lock rail (horizontal) 140mm

Leaf thickness 65mm

Door Frame:

Top head 60mm

Cill 65mm x 155mm (55mm projection as the standard)

Jamb 60mm

Mullion and Transom 75mm (if applicable)

Frame thickness 100mm