

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:

Multipoint locking system

Nico Adjustable Hinges

Locks to both faces

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

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: 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

*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