DOOR STYLE SPECIFICATION

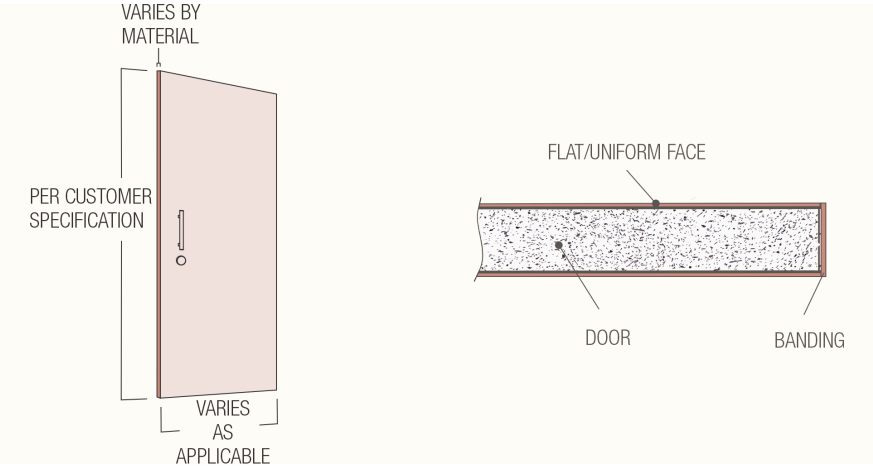
Flat Panel

Flat Panel is a single slab door with a smooth, uninterrupted face, and it is the most economical door style Ironwood offers.

CONSTRUCTION	DOOR FACE	DOOR HEIGHTS	MATERIALS
Slab	**Smooth**	**58″ to 108″**	**Four**
Single sheet; no frame or insert	Uninterrupted, top to bottom	Maximum set by material	Every Ironwood door material

WHAT IT IS

Each door is a single slab, with a core and decorative face in High Pressure Laminate, Wood Veneer, and Compact Laminate, or one homogeneous material in Solid Surface. With no frame, insert, or applied profile, the pattern, grain, or color of the material forms the entire door face.



Flat Panel detail: a slab door with thickness varying by material, and a section through the core showing the flat, uniform face and edge banding.

MATERIAL AVAILABILITY

High Pressure Laminate	● **Standard**
Compact Laminate	● **Standard**
Wood Veneer	● **Standard**
Solid Surface	● **Standard**

SPECIFIES WITH

MOUNTING STYLES
Headrail Braced (HRB) · Floor to Ceiling (FTC) · European · Floor Mount (FM) · Ceiling Hung (CH)

SOLID SURFACE MOUNTING
Headrail Braced (HRB) · Floor to Ceiling (FTC) · European

EDGE PROFILES
Flat Edge · Zero Sightline (ZSL)

DOOR SELECTION

STRENGTHS

+ **Material Focus.** Patterns, woodgrains, and solid colors read across the full door face with nothing interrupting them.
+ **Economical.** The most economical Ironwood door style; no frame to assemble and no insert or trim to fabricate.
+ **Material Range.** Standard in every Ironwood door material, so the door style follows the material decision.
+ **Joint-Free Face.** No frame joints, insert edges, or raised profiles, so the face has no recesses or seams to clean around.

CONSIDERATIONS

! **Height Limits.** Maximum door height follows the material, which can affect full-height privacy designs.
! **Minimal Detail.** No relief, shadow lines, or framing; the elevation relies on material, color, and layout.

TECHNICAL REFERENCE

CONSTRUCTION

COMPONENT	SPECIFICATION
High Pressure Laminate	1.25″ slab; laminate faces over an industrial-grade particle board core; PVC edge banding
Wood Veneer	1.25″ slab; veneer faces over an industrial-grade particle board core; wood veneer banding
Compact Laminate	0.75″ self-supporting phenolic slab; color-coordinated HeH edge banding conceals the black core
Solid Surface	1″ slab of two 0.5″ sheets bonded back to back; no face layer; edges finished in the same material, no banding

HEIGHTS AND SIZING

ITEM	SPECIFICATION
Standard heights	58″, 72″, and 84″
Maximum height	108″ HPL and Wood Veneer; 84″ Compact Laminate
Solid Surface heights	58″, or 71″ to 96″; 59″ to 70″ not available
Default floor clearance	12″ below 58″ doors; 9″ below 72″ and 84″ doors
Midrail	Not required at any height

HARDWARE

COMPONENT	SPECIFICATION
Door weight, 36″ × 84″	≈100 lb HPL and Wood Veneer; ≈120 lb Compact Laminate; ≈189 lb Solid Surface
Overhead closer	Required on doors over 100 lb, except 58″ Solid Surface doors; needs a headrail or transom above the door
Solid Surface, 58″	Three surface-mount hinges; no closer
Solid Surface, 71″ to 96″	Continuous geared hinge and overhead closer; headrail or transom above the door

OPTIONS

OPTION	DETAIL
Zero Sightline	Rabbeted lap joint at door and pilaster edges; each lapped edge adds 0.375″ to door width; hinge type sets which edges lap
Zero Sightline, Solid Surface	Hinge-edge lap on 58″ doors with surface-mount hinges only
Custom Shape	Same slab routed to a curved top, radiused corners, or a designer outline; hinge edge and latch zone stay straight; engineering review; DXF or DWG preferred

RELATED DOCUMENTS Compatible material and mounting style pages, the limited warranty, and the Spec Builder are linked from ironwood-mfg.com/products/door-styles/flat-panel/