DOOR STYLE SPECIFICATION

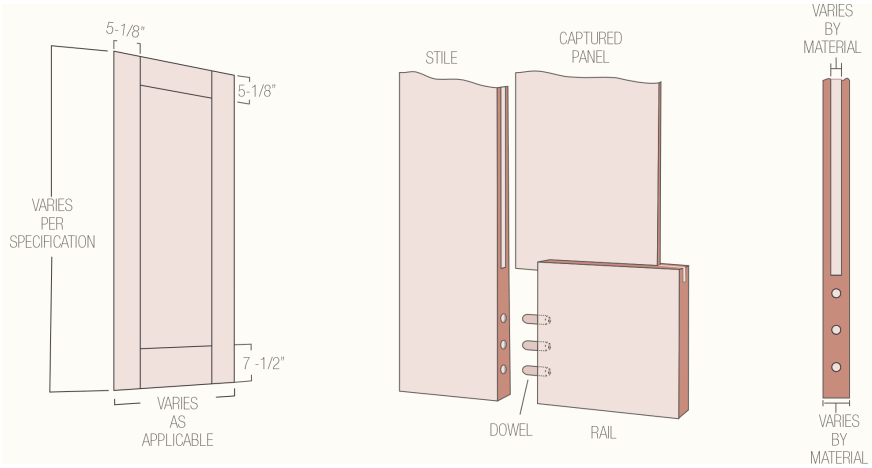
Captured Panel

Captured Panel is a stile-and-rail door style with an opaque insert recessed within the frame, giving the door face a Shaker or Craftsman appearance.

CONSTRUCTION	DOOR FACE	DOOR HEIGHTS	MATERIALS
Stile and rail Doweled frame, mortised insert	**Recessed panel** Opaque insert below the frame face	**58″ to 108″** Maximum set by material	**Four** Every door material; Solid Surface custom

WHAT IT IS

Two stiles, a top rail, and a bottom rail, joined with dowels, form the frame, and the insert sits in a mortise machined into their inner edges. Recessed below the frame face, the insert reads on the elevation as a panel within an even border above a heavier bottom rail.



Captured Panel detail: door elevation with 5.125″ stiles and top rail and a 7.5″ bottom rail, an exploded stile, rail, insert, and dowels, and the mortised stile edge.

MATERIAL AVAILABILITY

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

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

+ **Recessed Panel.** The framed, recessed face comes from the door construction, not from trim applied to a slab.
+ **Insert Options.** Inserts typically match the frame; a contrasting pattern or material adds a second finish.

CONSIDERATIONS

! **Wet-Area Limits.** High Pressure Laminate and Wood Veneer doors are not suited to recurring water contact.
! **Mixed-Material Inserts.** Frame and insert materials expand at different rates; unusual pairings need Ironwood review.
! **Tall Doors.** Doors taller than 84″ require midrails, which divide the face into stacked inserts.
! **Low Door Clearance.** Below 3″ of floor clearance, the bottom rail grows from 7.5″ to 10″ and the insert shortens.

TECHNICAL REFERENCE

CONSTRUCTION

COMPONENT	SPECIFICATION
Frame	Two stiles, a top rail, and a bottom rail joined with dowels; 5.125″ stiles and top rail, 7.5″ bottom rail
Insert	Opaque, held in a mortise in the inner frame edges; required on every door; matches the frame as standard
Frame core	Engineered wood in HPL and Wood Veneer; solid phenolic in Compact Laminate
Door thickness	1.25″ HPL and Wood Veneer; 1″ Compact Laminate and Solid Surface
Insert thickness	0.625″ HPL and Wood Veneer, a faced 0.5″ core; 0.5″ Compact Laminate; 40 lb maximum per insert
Solid Surface	Custom construction with a Solid Surface insert; higher cost and longer lead time; no Floor Mount or Ceiling Hung

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
Midrail	Doors over 84″; 5.125″, centered 40″ above finished floor; multiple midrails on the tallest doors
Bottom rail	10″ in place of 7.5″ where the door bottom is less than 3″ above finished floor
Rail enlargement	Rails may be taller than standard by request or to improve insert yield

HARDWARE

COMPONENT	SPECIFICATION
Door weight, 36″ × 84″	≈71 lb HPL and Wood Veneer; ≈112 lb Compact Laminate
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	Full-height lap joint; hinge selection sets the edges; Solid Surface hinge side only on 58″ doors with surface-mount hinges
Contrasting insert	Contrasting pattern, or a different material as a custom option; unusual pairings reviewed by Ironwood
Beadboard insert	Custom; 0.5″ panel, beads 1.5″ on center, typically painted to match the frame
Molding	Custom; set around the insert; profiles need a flat butting edge; 14″ minimum frame width and height

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