DOOR STYLE SPECIFICATION

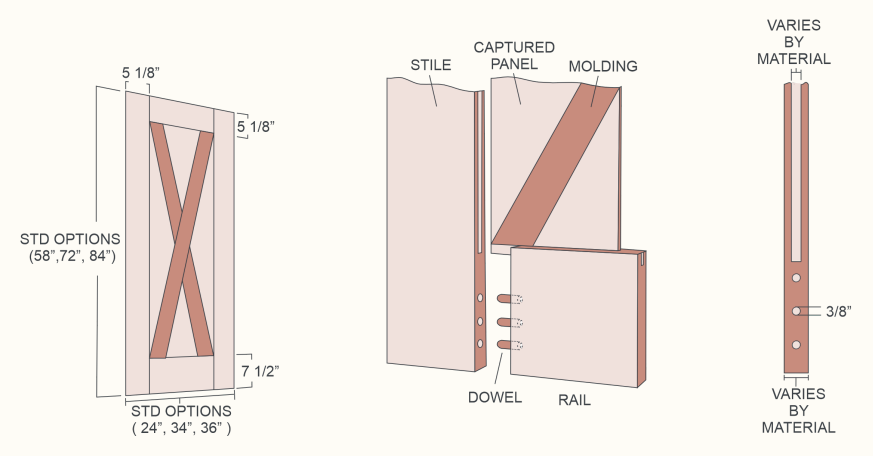
Barn X

Barn X is a captured-panel door with 4″-wide moldings applied in a diagonal X or Z pattern that recalls the cross bracing of a barn door.

CONSTRUCTION	DOOR FACE	DOOR HEIGHTS	MATERIALS
Stile and rail Captured panel with applied moldings	**Diagonal moldings** Six X and Z styles	**58″ to 72″** 72″ maximum in every material	**Three** Not available in Solid Surface

WHAT IT IS

A stile and rail frame holds an opaque insert, and moldings made from the door material are applied over the insert in one of six standard styles. The moldings sit proud of the insert and cast diagonal shadow lines, and four styles add a horizontal midrail to the elevation.



Barn X detail: X Style door elevation with crossed moldings inside the stile and rail frame, an exploded corner showing stile, captured panel, molding, rail, and dowels, and a stile end view with the insert mortise.

MATERIAL AVAILABILITY

High Pressure Laminate	● Standard
Compact Laminate	● Standard
Wood Veneer	● Standard
Solid Surface	● Not available

SPECIFIES WITH

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

EDGE PROFILES
Flat Edge · Zero Sightline (ZSL)

DOOR SELECTION

STRENGTHS

+ **Barn-Door Look.** Diagonal moldings sit proud of the captured panel and cast shadow lines across the door face.
+ **Style Options.** Six standard styles share one construction and one set of materials.
+ **Material Options.** Moldings match the door material; Compact Laminate suits doors that see recurring water contact.

CONSIDERATIONS

! **Height Limit.** Doors and panels stop at 72″ in all six styles; full-height privacy is not available.
! **Pattern Prominence.** The diagonal repeats on every door in the run, and four styles add a horizontal midrail.

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
Door thickness and core	HPL and Wood Veneer 1.25″, engineered wood core; Compact Laminate 1″, solid phenolic
Insert	Opaque, captured in a mortise in the frame; 0.625″ nominal in HPL and Wood Veneer, 0.375″ in Compact Laminate
Moldings	4″ wide, 0.25″ thick, nominal; made from the door material; lengths set per door by size and style

HEIGHTS AND SIZING

ITEM	SPECIFICATION
Standard heights	58″ and 72″
Maximum height	72″ for doors and panels in all six styles; above 72″ the diagonals lose their proportions
Full-height privacy	Not available
Mounting style	May set a lower maximum; Floor Mount doors are typically 58″
Bottom rail	10″ in place of 7.5″ where the door bottom is less than 3″ above finished floor
Midrail	Required on Double Z Style, Double Z Arrow Style, Single X, and Double X; 5.125″, matches top rail

OPTIONS

OPTION	DETAIL
Barn X styles	Six standard styles; X Style is the default; see the Barn X Style Chart
Application sides	Front face standard; both faces available

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