

DESCRIPTION

Barn X doors are constructed from a captured panel with applied X style moldings. Moldings are 4 inches wide and can be applied to the front face only (standard) or to both sides upon request. The construction mimics traditional stile and rail joinery, delivering a rustic yet tailored look suitable for commercial restroom environments.

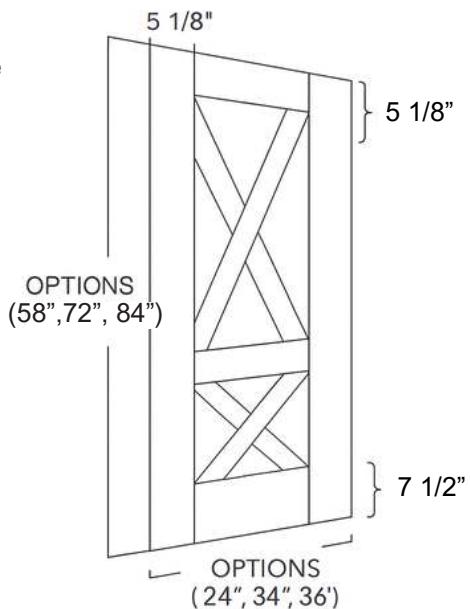
CONSIDERATIONS

Barn X doors are constructed with integrated stile-and-rail framing, often including a cross-brace design that increases overall thickness compared to flat panel doors. Hinge and strike clearances must be reviewed carefully to ensure alignment with pilasters or stops.

Because of their layered construction, Barn X doors may require coordination with surrounding components and hardware, particularly when using self-closing hinges or privacy features.

Barn X doors are compatible with most mounting styles and can be used in wet environments when constructed from durable materials such as compact laminate. Wood veneer is not recommended in these conditions.

For ADA compliance, clearance widths and hardware placement should be confirmed during the design phase, especially for doors exceeding standard thickness.



CONSTRUCTION

Barn X doors are constructed using a stile-and-rail method, with vertical stiles and horizontal rails forming a perimeter frame. A flat center panel is captured within this frame and reinforced to prevent deflection.

The "X" pattern is integrated into the door structure using mitered cross members that connect directly to the frame. In some material types, the pattern may be routed or fabricated in layers, but it is always structurally bonded and part of the finished construction.

All edges are squared and finished to match the surrounding partition components. Hinge side reinforcement is coordinated by material type and mounting style.

Barn X doors are available in high-pressure laminate, compact laminate, and wood veneer. Compact laminate is recommended for high-use or wet environments. Wood veneer is only suitable for dry, climate-controlled conditions.

DIMENSIONS

Stile and Rail Thickness		
Material	inch	mm
High Pressure Laminate	1 1/4"	32
Wood Veneer	1 1/4"	32
Compact Laminate	1"	25

Available Door Width	
inch	mm
24"	610
34"	864
36"	914