

Hy® Lock Compatible Partitions



A checklist to choose the ideal stalls for the hands-free solution

1 Material

Composites and laminates work best.



Composite and laminate materials like HPL, SCRC, and CGL work best with the Hy® Lock. These styles have also become the popular choice of material for their durability, cost, and aesthetic appeal.



Metal partitions work, but often have less compatible hardware.

Examples of compatible designs:

- [Ironwood Manufacturing Toilet Partitions](#)

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2

Hinge Type - Adjustable Gravity Hinges

Gravity hinges enable in-swing doors to automatically open as patrons exit and ensure ADA stall doors automatically close compliantly behind patrons.



Preferably, use gravity hinges with adjustable at-rest angles. We recommend specifying an at-rest angle of 30–45 degrees inward for standard doors.



For continuous (piano) hinges, set standard doors to rest open at 30–45 degrees. For accessible (ADA) stalls, ensure they rest in the closed position.



Hinges like these can work only if at least one of the hinges has the gravity features similar to the hinge in the final image (bottom).



These hinges are typically on the top or bottom of the door and often require setting the at-rest angle during installation. Often the at-rest angle can be easily adjusted for a touchless exit after installation.

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3

Previous Latch Style (Retrofit) - Surface Mount Preferred

Hy® Locks are designed to retrofit. Surface mounted latches are the most common and simplest to replace.



Avoid latches embedded into the partition door (most powder coated metal partitions).



Partitions that utilize surface mounted latches are ideal for the Hy® Lock.



Surface mounted latches can come in a variety of forms.



Preinstalled latches (or pre-drilled holes for latches) with interior handles connected to exterior indicators may create a hole pattern that does not match the Hy® Lock. A retrofit plate to cover these mismatched holes may be aesthetically appealing.

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4 Partition Structure/Mounting

A secure partition structure is ideal. Ceiling-hung mounts are less stable and can shift over time, impacting latches and hinges.



"Floating" or ceiling-hung partitions should be avoided as they are less stable and may shift substantially over time.



Floor-mounted partitions with a headrail brace are recommended for a secure structure. The brace adds stability.



Floor-to-ceiling mounted partitions are also recommended.