

Compatible Partitions



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

1 Material

Composites and laminates work best. Metal partitions work, but are not preferred



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 .



Metal partitions can work, but often have less compatible hardware and structure.

Examples of compatible designs :

- [Bobrick DesignerSeries HPL 1040](#)
- [Bradley Phenolic Privacy Partition](#)

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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 the bottom hinge looks like the last picture below.



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 pre-installed embed latches (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.



Latches with interior handles connected to exterior indicators may need to cover some existing holes with an aesthetic retrofit plate.

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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 substantially shift positions over time.



Floor-mounted partitions with a headrail brace are recommended for a secure structure. While not required, the brace adds stability.



Floor to ceiling mounted partitions are also highly recommended.