



LR-SW Ligature Resistant Swinging Door System

Product Innovation Highlights

The patented Ligature Resistant Swinging Door System is designed to be a heavy-duty, cost effective solution that provides improved safety and privacy in patient bathrooms.



About Accurate Lock & Hardware

Accurate Lock & Hardware fuses old world craftsmanship with modern technology to create American-made ligature resistant hardware solutions of uncompromising quality for the entire door.

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The LR-SW is available in a variety of materials and colors to appeal to different facility design objectives.

Solving a Healthcare Challenge

By further reducing opportunities for inpatient self-harm, the LR-SW contributes to the highest priority of caregivers. Patients can no longer easily hide behind a full door, utilize the door as a weapon, or slam/damage the door. The saloon-door design of the LR-SW does not allow for any removable parts that can cause harm to patients or staff. It eliminates the continuous disruption associated with removable doors while improving visibility to allow staff to respond more efficiently to patients in time of need. This all leads to a safer environment and less stress for caregivers, patients and families.



HDPE Color Plastic for Positive Distraction



Wood Grain with Crescent Pull



Frosted Polycarbonate Door



Door Swung Open

Solution

The Ligature Resistant Swinging Door System was developed to be a better solution for en-suite bathrooms or stall doors at multi-user bathrooms. It can hold over 300lbs of weight and operates without springs, which removes possible ligature points and allows the door to swing in both directions. It can open to 90 degrees in either direction, stay open by design, and when moved to approximately 60 degrees will self-close centered to the opening.

Product Release Date: November 2021

Features

- The 1/8" thick material is flexible to further prevent ligature risks
- Available in frosted polycarbonate, wood grain, or HDPE Plastic Colors
- Color options provide the opportunity for positive distraction and can be written or drawn on and easily wiped clean
- Door heights and dimensions can be customized based on facility needs
- Made from anodized aluminum
- Crescent Pull Hardware optional



Close Up of Ligature Resistant Hinge

Evaluation and Success

With Safety, staff convenience and durability always top of mind, the LR-SW solution was developed as a better solution to **prevent barricading while allowing privacy**. It also eliminated the risk and inconvenience associated with detached doors (legacy solution) that could be cut or weaponized. The system was successfully tested internally and through third parties for weight resistance (300 lbs), looping and resiliency of door materials. The product earned widespread approval and was included in the premier publication dedicated to enhancing the behavioral health care patient safety experience.



Watch the video demonstration

vimeo.com/manage/videos/595944974

Disclaimer: While The Center believes that the information in this resource is valid, it has not utilized the product, nor tested any of the listed findings. The Center disclaims any warranties, expressed or implied, regarding this content.