

YD30D CASE STUDY

Art Gallery

BACKGROUND

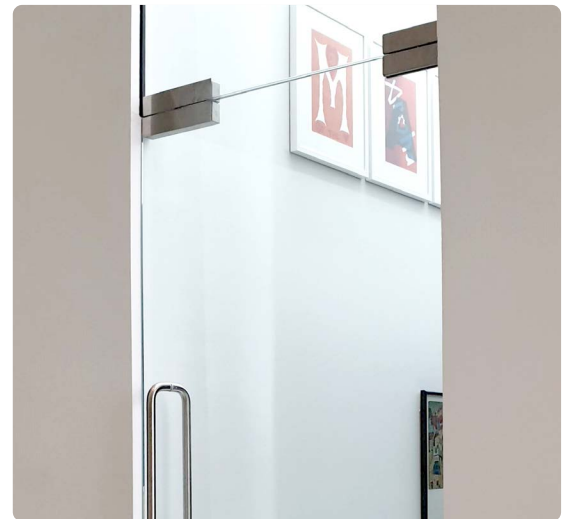
An art gallery in New Zealand underwent a renovation project. During the early stages of the renovation, architects faced a significant challenge; finding a suitable lock for tall glass doors that would not obstruct the light and view of the artwork while still ensuring security and emergency access.

CHALLENGE

The primary challenge was to identify a lock that met several specific requirements. Firstly, it needed to be compatible with heavy glass doors, ensuring reliable functionality and durability. Additionally, to satisfy code requirements, the lock had to be designed to release under side-load pressure in case of emergencies, ensuring a safe exit for visitors and staff. Finally, it was crucial to find a lock that seamlessly blended with the art gallery's interior design.

SOLUTION

The YD30D lock offered a range of features that perfectly addressed the identified challenges. Its compatibility with heavy glass doors ensured that the doors would operate smoothly and reliably. It was specifically designed to release under side-load pressure up to 1350 lbf, providing a safe exit route during emergencies. This feature was crucial in maintaining the well-being of visitors and staff while also complying with safety regulations. The lock's aesthetic also played a role in its selection. The YD30D was available in a brushed stainless housing and faceplate, which perfectly matched the art gallery's interior style.



The YD30D releases under significant sideload allowing for free egress in an emergency.



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