



YD30D CASE STUDY

Exclusive Private School

BACKGROUND

An exclusive private school wanted to strengthen security and modernise door locking across key internal and perimeter transition points. With high daily footfall from students, staff, visitors and contractors, the site needed a reliable access-controlled solution that supported smooth movement between buildings while maintaining strict safeguarding and compliance requirements.

CHALLENGE

The school required a lock that could handle constant use and impact, while also meeting compliance expectations around safe egress and emergency exit routes. Several doors were subject to sideload (door pressure, misalignment, and movement through the day), and the school needed consistent locking performance on double-acting doors without creating delays at busy changeover times or compromising life-safety requirements.

SOLUTION

The school installed the YD30D on high-traffic doors throughout the campus. Designed for 180° swing doors, the YD30D supported the school's double-acting applications and tolerated real-world door movement, including misalignment up to 16mm. Its robust build helped it stand up to repeated impact and heavy daily use, reducing maintenance call-outs and keeping doors operating smoothly.



Critically, the YD30D releases reliably under load, supporting compliant emergency egress even when doors are experiencing sideload pressure—an essential requirement for exit routes and evacuation scenarios.



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