

OPEN & SHUT CASES

Safety compliance for unusual home-pool architecture

No two home-pool environments are exactly alike, and each presents its own unique challenges when it comes to achieving pool safety compliance.

With the aim of preventing unsupervised access to home pool areas by small children, many home owners look to options other than unsightly fencing.

And the option of having self-closing and self-latching doors accessing the pool area doesn't have to mean installation of unsightly off-the-shelf surface-mounted mechanisms.

Smart solutions balance functionality, aesthetics and pool safety compliance in one.

Swish makes effective customised solutions so quiet as to be virtually invisible – even when faced with some unusual architectural challenges ...

Case study: The L-shaped room

When is a door not a door? When latched and closed it effectively becomes part of a wall, as a recent pool-safety compliance challenge revealed.

In this case, sliding doors meet at the inside corner of an L-shaped room, under a cantilevered roof which is engineered to require no visible central support at the corner.

Interlocked when closed, each door depends on the other to form a secure barrier. Arguably, it could be considered that both doors require self-closing and latching mechanisms to be safety compliant...

Carefully customised design solutions are needed to achieve safety compliance for out-of-the-ordinary home pool environments



This angled sliding door configuration makes the most of linking pool zone and interior. The Swish SelfLatch/ SelfClose system is concealed in the right slider panel. In the closed position, the left slider is immovable, and remains so even when the right panel is opened to access the pool zone.

However, a Swish horizontal SelfLatch/SelfClose system, concealed in passage door but anchored to the adjoining panel, effectively transformed the latter into a fixed-panel, floor-to-ceiling window.

With the unique configuration of this system, only one panel was required to be self-closing and latching to achieve pool safety compliance.

Importantly, the uncluttered continuity of indoor-outdoor aesthetics and functionality was preserved without obtrusive fencing or mechanisms – a perfect match of safety first with style. ■

Case studies, news updates and home-pool safety problem-solvers from Swish Automation.
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For narrow-profile early aluminium joinery, SelfLatch/ SelfClose systems in surface-mounted horizontal ducts are hardly detectable against the existing joinery.

Case study: Older aluminium doors

Older aluminium sliding doors typically betray their presence with their narrower profile and mitred corner joins. They don't make them like that any more, but they are still a feature of many a New Zealand home pool area.

For pool safety compliance, fitting pool-access doors with self-closing and latching systems is a preferred option. Many older sliding door profiles are too narrow to conceal the apparatus in the frame, but Swish has a tidy, visually appealing solution.

Swish SelfLatch/SelfClose systems are concealed in horizontal or vertical ducts which are surface-mounted to the doorframe. Colour-matched to the existing joinery, the subtle addition is barely noticeable against the existing door architecture. ■