

# SureClad™ Lock

## A structural precast insert that pivots open to provide a connecting point

This unique structural insert, when positioned and reinforced in precast elements, acts as a corbel and provides the connection points for subsequent panel cladding.

The SureClad Lock is retracted and covered during concrete placement. Once positioned and reinforced, there are no other forming requirements.

When the vertical elements are complete, they can be handled, stacked and shipped with the SureClad Lock in the retracted position for protection.

As the structure is erected, the SureClad Lock pivots out for “hidden” connections, including panel cladding, panel-to-panel, beam-to-column, lintel panel, and steel roof truss connections.

Each hidden connection is formed with a foam-filled, flush-mounted and Z-shaped SureClad Plate to match the SureClad Lock locations.

With the SureClad system there is no need to apply or install anything else on the site. The pre-planned Locks and Plates provide all the connections.



*The SureClad Lock is protected by a cover plate during concrete placement. When the cover is removed, the lock pivots to become a connection point.*

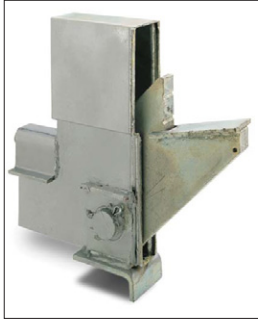


*The Z-shaped SureClad Plate (shown here with Reusable Magnet) is integral to the panel and connects at the SureClad Lock locations.*

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*The SureClad Lock, shown in the upright and open position, acts as a “corbel” for connecting precast cladding panels. The Lock is available in two engineered capacities.*

Part Number	Description
SBSCWPL125	SureClad Lock 12,500 lbs SWL
SBSCWPL25	SureClad Lock 25,000 lbs SWL



*Two SureClad Locks, shown with the locks retracted behind cover plates, are positioned and reinforced in a precast form prior to concrete placement.*



*The Z-shaped SureClad Plate is available with a foam-filled Block Out or positioned with a Reusable Magnet.*

Part Number	Description
SBSCWPBO	SureClad Lock Block Out
SBSCWPBORSM	SureClad Lock Reusable Magnet



*One of two precast cladding panels, shown at the SureClad Lock locations, has been positioned, leveled and attached.*