



Access Covers

LIFTlock®



Applications:

Traffic Signals, Street Lighting

The LIFTlock® composite cover and frame system provides a unique screw turn lift and lock mechanism fitted to the Composite Cover from NAL. This then sits into the newly innovated extra-deep composite frame, offering a lightweight, lockable cover that can be easily lifted and accessed when required.

The screw mechanism is fitted underneath the composite cover centrally on one edge. The frame has a bracket on the opposite edge which holds the cover in place. The standard fixing is a 'T' Key as used on controllers.

When the mechanism is rotated in an anti-clockwise direction, it lifts the cover out of the frame until it hits a stop point. At this point, the cover is held enough distance out of the frame to enable a single person to lift it safely from its frame. Rotating the mechanism clockwise safely lowers the cover into the frame.

Once the cover is lowered entirely into the frame, the mechanism automatically locks it in place.

With this mechanism installed, access covers will only be able to be removed by an operative with the correct/ corresponding key.

Advantages

LIFTlock®

- ◇ Increased security; locks cover in place
- ◇ Improved manual handling; single hand operation
- ◇ One tool required; same key used across Retention Sockets and Controller Cabinet Bases
- ◇ C250 option for roadside

Composite frame

- ◇ Non conductive material
- ◇ Does not interfere with radio waves / signals
- ◇ Improved manual handling; lighter than steel



A CRH COMPANY

LIFTlock® Specification

All composite covers must meet the vertical load classes of B125 and C250 set by EN124.

Covers will have LIFTlock® installed.

Covers will have a worm/screw mechanism fitted to the underside that positively locks onto the composite frame.

A T-key will be used to rotate the mechanism and lift and lower the cover.

The cover will be locked onto the frame on one edge. The opposite side will rise and lower only.

Composite covers will have a minimum skid resistance value (SRV) of 80.

Composite covers will be supplied with composite frames.

Frames will have a minimum upstand of 80mm.

Frames will be supplied with a fixing mechanism which enables them to be secured to the Access Chamber.

Standard LIFTlock® Sizes	
Length x width (mm)	Load rating
300 x 300	B125/C250
450 x 300	B125/C250
450 x 450	B125/C250
600 x 450	B125/C250
600 x 600	B125/C250

