UNI-LOCK SYSTEM

THE UNI-LOCK SYSTEM is designed to fix a wire suspension to a variety of different base materials including timber, concrete, plasterboard or steel. It incorporates a 90 degree bracket which is factory-swaged to the wire suspension.

A suitable fixing for the intended base material is then used to fix the suspension to the ceiling.

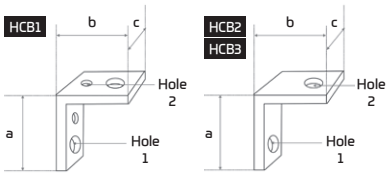
APPLICATIONS

SUITABLE AREAS OF USE INCLUDE, BUT ARE NOT LIMITED TO:

- Electrical containment
- HVAC and mechanical services
- Lighting and audio as primary or secondary support
- Signage and display, screens and partitions
- Acoustic ceilings, islands or baffles
- Radiant heat panels

SYSTEM	BRACKET	SUPPLIED LOCKING DEVICE	SWL (KG)
ULG	HCB1	KL50	10
ULS	HCB2	KL100	50
ULY	HCB3	KL150	90
Note: G-system not recommended for HVAC.			

Bracket	Gauge (mm)	a (mm)	b (mm)	c (mm)	Hole 1 (mm)	Hole 2 (mm)
HCB1	1.0	26.0	26.0	22.0	4.5	7.0
HCB2	2.0	40.0	30.0	19.0	6.5	6.5
HCB3	2.0	40.0	30.0	19.0	6.5	11.0



FEATURES

- 18th Edition Amendment 2:2022 compliant.
- Key-free release wire suspension for height adjustment – No tools required.
- High tensile galvanised steel wire rope.
- Multiple fixing options.
- Suspension can be inverted.

AVAILABILITY

Zip-Clip offer three different Uni-Lock systems each allocated a letter to differentiate between the available safe working loads (SWL).

Each system comprises a predetermined length of a specific diameter wire rope and is supplied with the required Zip-Clip locking device.

Uni-Lock is available for drop lengths of 1 m to 10 m. Loads indicated are per individual wire support when coupled with the appropriate Zip-Clip locking device.

P system and **N** system Uni-Lock suspensions are available on request.

AREAS FOR USE

The standard Uni-Lock range is designed for indoor applications. Regular galvanised systems should not be used in areas that have levels of corrosion or elevated levels of heat or moisture.

For installations that are within corrosive areas consult with Zip-Clip Technical Department.

FIXINGS

Fixing Type	Compatible Base Material
Timber screw	Wood
Concrete screw	Concrete or concrete over metal deck
Plug and screw	Concrete
Toggle fixing	Plaster board
Gas nail/pin	Steel or concrete

- Ensure all fixings are suitable for the base material.
- Ensure all fixings are suitable to support the intended load.
- Ensure all fixings match SWL of the wire support.

Suitable Fixings:

- DRIVA plug + screw.
- Traditional plug + screw.
- Tek screws/ sheet metal screws.
- Woods screws.
- TAPCON concrete screws or equivalent.
- SPIT/HILTI gas nails.
- FISCHER FNA 11 concrete fixing with pan head.

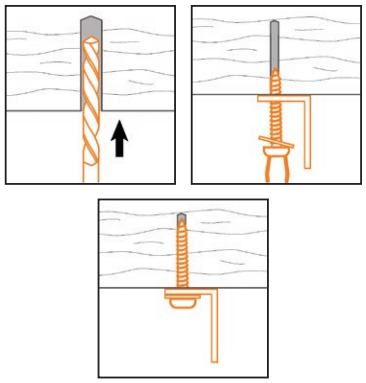
INSTALLATION

- The first step for the installation process is to attach the wire support by anchoring the 90° bracket.
- The second step for installation process is to install the Zip-Clip locking device and connect to the intended application.

STEP 1:

Attaching the 90° bracket to the wooden base material:

1. Drill a pilot hole into base material suitable for the chosen fixing ensuring correct depth and diameter.
2. Couple bracket with a suitable wood screw (or other fixing) and washer.
3. Offer bracket and screw up to pre-drilled hole and tighten screw to clamp bracket in place.



STEP 2:

Installing the Zip-Clip locking device:

Once the 90° bracket has been installed, a Zip-Clip locking device can be used to attach the wire to the service.

1. Pass the wire rope through the Zip-Clip device in the direction of the arrow.
2. Pass wire rope through or around your required fixture/application and back through the Zip-Clip leaving 15 cm of wire protruding.
3. Confirm engagement of the Zip-Clip on the wire by pushing the pin in the **opposite** direction to the arrows indicated.

See Pages 5-7 and 30-31 for further information on the Zip-Clip locking device.

CODE	DESCRIPTION	SWL	PACK QTY
ULG1	1 m angle bracket suspension system	10 kg	10
ULG2	2 m angle bracket suspension system	10 kg	10
ULG3	3 m angle bracket suspension system	10 kg	10
ULG4	4 m angle bracket suspension system	10 kg	10
ULG5	5 m angle bracket suspension system	10 kg	10
ULG10	10 m angle bracket suspension system	10 kg	10
ULS1	1 m angle bracket suspension system	50 kg	10
ULS2	2 m angle bracket suspension system	50 kg	10
ULS3	3 m angle bracket suspension system	50 kg	10
ULS4	4 m angle bracket suspension system	50 kg	10
ULS5	5 m angle bracket suspension system	50 kg	10
ULS10	10 m angle bracket suspension system	50 kg	10
ULY1	1 m angle bracket suspension system	90 kg	10
ULY2	2 m angle bracket suspension system	90 kg	10
ULY3	3 m angle bracket suspension system	90 kg	10
ULY4	4 m angle bracket suspension system	90 kg	10
ULY5	5 m angle bracket suspension system	90 kg	5
ULY10	10 m angle bracket suspension system	90 kg	5

Bracket sizes also available:

CODE	DESCRIPTION	PACK QTY
HCB2	90 degree bracket with 6.5 mm holes, 1.3 mm gauge suitable for S wire system	10
HCB3	90 degree bracket with 10.9 mm and 6.5 mm holes, 2.0 mm gauge suitable for Y wire system	10