



Tecwire Concrete

TWCONLK



Description

Designed to fix a wire suspension to cracked & none cracked concrete ceilings.

The range consists of a pre-determined length of wire from 1 metre to 10 metres with a choice of Safe Working Load.

The system consists of wire rope and Tecwire lock with a concrete anchor termination.

Features

- Shallow embedment fixing to 35mm
- ETA approved for cracked concrete
- BS8539 Compliant
- No claw back required
- Nail anchor for hammer set installation
- The installed nail anchor expands automatically under load, pulls the cone into the expansion clip and expands against the wall of the concrete
- Can also be supplied with a double drop wire support
- Key free release system for adjustment
- High tensile galvanised wire 1960 N/mm² grade 7 x 7 construction
- BSEN 12385 standard
- Tecwire and Tecwire locks should not be used with alternative wire or lock systems

Ordering example

	TWCONLK	2	5
Product			
Type mm			
Length m			

Applications

Suitable for concrete applications including:

- Cracked concrete
- Reinforced concrete
- Slagged concrete
- Hollow pot
- Concrete over rib deck

Technical Data

Type mm	Length m	SWL kg	Pack qty
2	1	50	10
2	2	50	10
2	3	50	10
2	5	50	10

Installation

- Drill a 6.0 mm diameter hole to a minimum embedment depth of 30 mm.
- Clean any debris or dust from the hole
- Offer the M6 concrete fixing to the hole as shown in the picture. Move the wire support to one side. Use a suitable hammer to knock the M6 fixing into the hole.
- Ensure the M6 fixing is embedded all the way to the eyelet. The M6 fixing is now ready to be loaded.
- Once the concrete fixing is installed a Tecwire lock can be used to attach the wire to the service.
- The arrow on the Tecwire lock indicates the direction to feed wire through. Push the wire through this channel and draw through required length.
- Continue to draw wire through the Tecwire lock and pass the free end around or through the service to be supported.
- Feed the wire through the other channel in the direction indicated by the arrow.
- When desired height is achieved, trim wire to leave a 15cm tail.
- Always confirm engagement of the Tecwire lock on the wire by pushing the adjustment pin in the opposite direction to the arrow once the wire has been installed.

