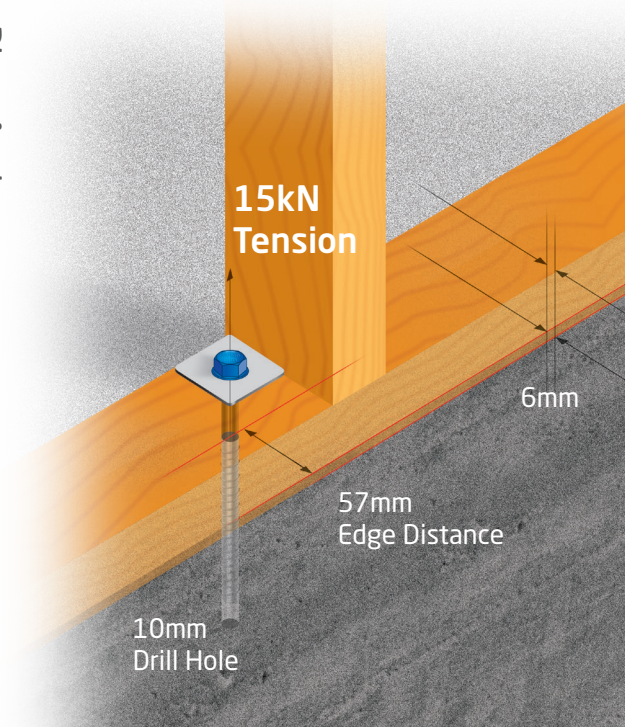


FORMED CONCRETE BRACING SOLUTION

The ICCONS® ThunderBolt®Pro is the latest design in high performance screw-in, self tapping concrete anchors for use in a wide range of concrete and masonry base materials. The ICCONS® ThunderBolt®Pro achieves high loads while generating low expansion forces making it ideal for close to edge applications. Available in a mechanically galvanised finish, the The ThunderBolt®Pro is the perfect solution for use as a perimeter fixing in accordance with NZ Building Code clauses E2 and E3.

BRACING SYSTEM - PROPRIETARY SOLUTION

The SXTB10140G, SXTB10150G and SXTB10200G ThunderBolt®Pro anchors have been independently tested and achieved a characteristic tie down load of 15kN (minimum) in 20 MPa concrete. The SXTB10140G, SXTB10150G and SXTB10200G ThunderBolt®Pro anchors are suitable for use as proprietary bracing solution complying with NZ Building Code clauses E2 and E3.

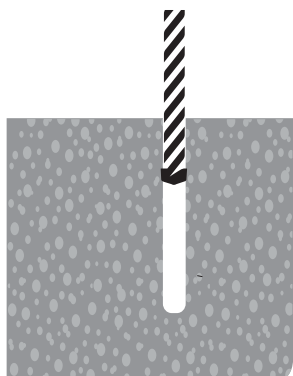


Part No.	SKU	Minimum drill depth (mm)	External Wall formed concrete foundation	Characteristic strength (kN)	Minimum edge distance (mm)	Minimum embedment depth (mm)	Bottom plate fixture thickness (mm)
SXTB10140G	4524008	105	Solid	15	59	90	45
SXTB10150G	4524068	105	Solid	15	59	90	45
SXTB10200G	4524044	120	Solid	15	59	90	90

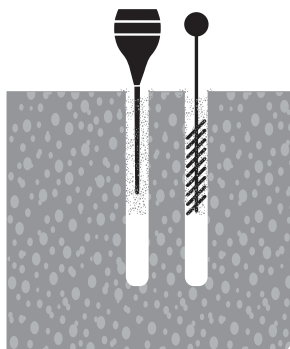


ANCHOR INSTALLATION INSTRUCTIONS

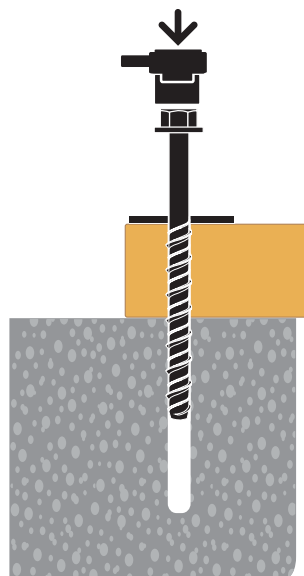
ICCONS® bottom plate fixings must be installed in accordance with ICCONS® published installation instructions.



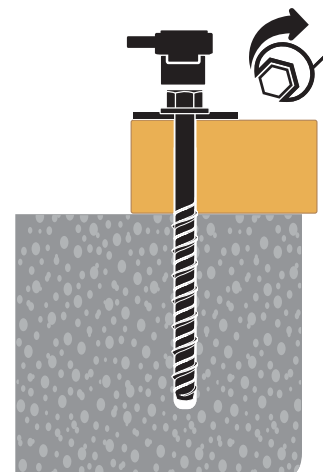
Using a 10mm drill bit, drill a hole to the depth of at least one diameter deeper than the required embedment depth.



Clean dust and other material from the hole.



Install with either a socket or cordless impact driver. Apply pressure against the fixing and rotate to engage the first thread. Continue to tighten the anchor until flanged head is firmly seated against fixture.



Installation complete!

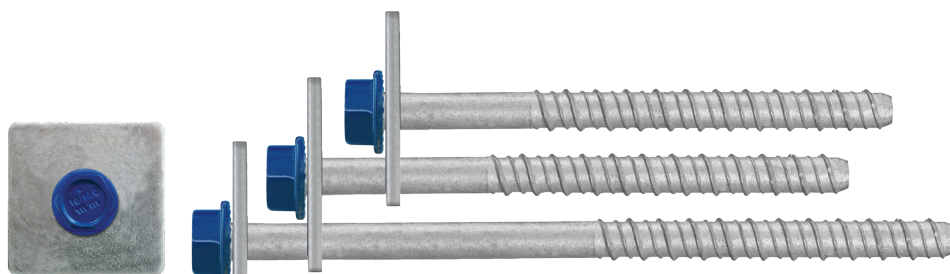
DURABILITY

The SXTB10140G, SXTB10150G and SXTB10200G ThunderBolt®Pro anchors for use as a proprietary bracing solution are coated with a proprietary mechanically galvanised coating (NAUTILUS XTEND) designed to achieve 1000 hours in a Neutral Salt spray test (NSS). The life expectancy of the SXTB10140G, SXTB10150G and SXTB10200G anchors will depend on the environment where the products are installed, for internal dry environments, the SXTB10140G, SXTB10150G and SXTB10200G have a life expectancy of 50 years (minimum). The SXTB10140G, SXTB10150G and SXTB10200G also comply with durability requirements for all zones in a closed environment as stipulated in NZS 3604-2011, table 4.1.

WARRANTY

This technical document has been prepared to provide guidance for design professionals and trades people in the correct selection and use of proprietary bracing systems ICCONS® and SESTO Fasteners shall not be held liable for any claim, damage, demand expense, injury or loss, direct, incidental or consequential, based on product misuse and factors outside the control of both ICCONS® and SESTO Fasteners.

MATERIAL SPECIFICATIONS



Anchor body	Mechanically Galvanised
Anchor body	Heat Treated 10B21
Plating	Galvanised Coating thickness 45 microns (min).

Contact SESTO Fasteners for full independent report details on testing conducted using the SXTB10140G ThunderBolt®Pro (Report SSL-10009).