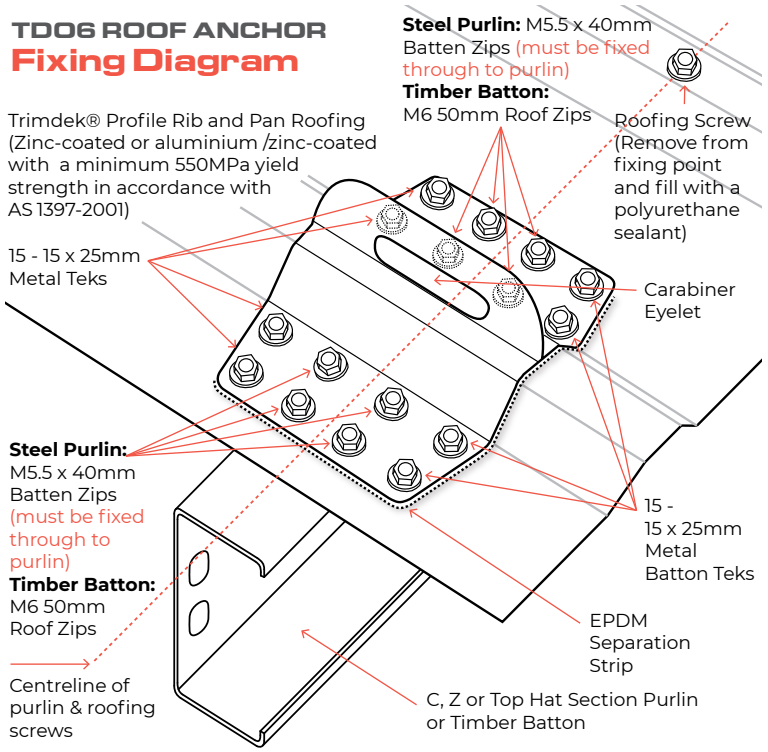
TD06 Trimdek®
Fall Arrest Roof Anchor

Secure Anchor Systems *recommends that all anchor installers & users be 'competent' in accordance with AS 1891, relevant Codes of Practice and applicable OH&S acts in your state.*

Secure Anchor Systems *always recommends placement of anchors using a 'fall restraint' methodolgy and working in a 'fall restraint' mode when working at heights.*

TD06 ROOF ANCHOR
Fixing Diagram



FIXING NOTES:

- Place *TD06* on a raised rib/square flute centered in line with existing roofing screws (Remove existing screws from fixing point and fill with polyurethane sealant).
- The *TD06* MUST be fixed into a purlin laterally through the center eight holes.
- The EPDM separation strip adhered to the underside of *TD06* must be in place when fitting the anchor.
- All remaining eight (8) holes across the top and bottom of the *TD06* must be fixed with the 25mm metal teks.
- Ensure that all screws are firmly fixed but NOT overtightened with all washers in tact under the heads of the screws.

SECURE ANCHOR SYSTEMS
When height safety matters
Order: 1300 131 881
Enquires: +61 2 9317 3553
PO Box 1346 Moss Vale NSW 2577
Distribution: Australia & International
secureanchor.com.au

Technical Data Sheet
TD06

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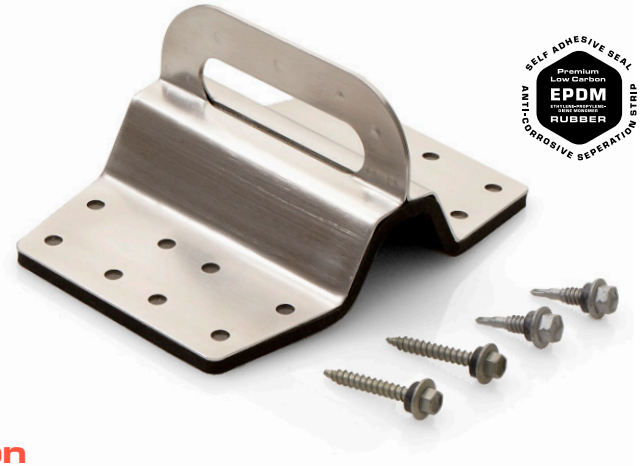
The TD06 360° fall arrest roof anchor to suit certain roof profiles such as Trimdek®.



Product Description

A surface mounted stainless steel roof anchor to suit standard square rib metal roof profile sheeting with a minimum base metal thickness (BMT) of 0.42mm.

The roof sheeting should be continually spanning a minimum three metal battens, purlins or timber roof battens (MGP10, 75mm x 34mm minimum) providing 360° protection in fall arrest and restraint applications.

LIMITATIONS:
The anchor is not to be utilised by more than one person at any time nor be subject to a load of more than 15kN in accordance with AS/NZS 1891.4 (Table 3.1). Do not use if the anchor does not firmly fit the roof sheet profile. The anchor is NOT to be used for fastening/tethering other items such TV antennae, satellite dishes, solar panels, shade structures etc...

COMPOSITION AND MATERIALS:
The *TD06* is composed of 304 Stainless Steel, mill finish. The *TD06* utilises 16 screws of varying types depending on the sub-structure and is surface mounted with a waterproof, self adhering EPDM foam separation strip.

APPLICABLE STANDARDS:
Australian/New Zealand Standard 1891.4

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Technical Data

Weight (approximately): 230 Grams (without fixings)
Dimensions (overall): 120mm x 200mm x 90mm nominal foot print
Screw Fixings:
Timber: 8 off M6x50mm Hex Head HG Seal C4 'Roof Zips'
8 off 15-15x25mm Hex Head HG Seal 'MBTeks'
Metal: 8 off M5.5x40 Hex Head HG Seal 'Metal Batten Zips'
8 off 15-15x25mm Hex Head HG Seal 'MBTeks'

Installation

Installation instructions are supplied with each anchor, or separate application sheets may be obtained from Secure Anchor Systems and are provided as a guide only. Following is a general summary of the installation method. If there is any doubt or non surety as to the application of this anchor in accordance with these instructions please contact Secure Anchor Systems.

ROOF REQUIREMENTS:
Apply the *TD06* to a standing square rib metal roof profile fixed in accordance with the roof sheet manufacturer's instructions, all applicable building codes and Australian Standards. A roof sheet with minimum base metal thickness of 0.42mm (with a minimum 550MPa yield strength in accordance with AS 1397-2001) must be utilised and continually span across three battens for the *TD06* to ensure fall arrest when installed in accordance with these instructions.

APPLICATION & FASTENING TO VARIOUS TYPES OF SUPPORTING STRUCTURE:

A: TIMBER BATTENS
Make sure that the EPDM flashing/separation is fixed between the roof sheeting and the stainless steel fabric of the roof anchor ensuring a tight waterproof seal. This must also be placed to ensure no reaction will occur between the stainless steel anchor and the Colorbond or Zincalume roof sheeting. The eight (8) x M6x50mm Hex Head HG Seal C4 'Roof Zips' are required to be used across the centre 8 holes fixing into the timber batten support structure. The eight (8) 15-15x25mm Hex Head HG Seal 'Metal Batten Teks' are to be used to fix into the roof sheet only across the top and bottom four (4) holes.

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B: C, Z OR TOP HAT SECTION PURLINS:
Make sure that the EPDM flashing/separation is fixed between the roof sheeting and the stainless steel fabric of the roof anchor ensuring a tight waterproof seal. This must be placed to ensure no reaction will occur between the stainless steel anchor and the Colorbond or Zincalume roof sheeting. The eight (8) M5.5x40mm Hex Head HG Seal C4 'Batten Zips' are required to be used across the centre 8 holes fixing into the metal purlin support structure. The eight (8) 15-15x25mm Hex Head HG Seal 'Metal Batten Teks' are to be used to fix into the roof sheet only across the top and bottom four (4) holes.

FLASHING:
The *TD06* requires no additional flashings or sealing other than the application of the enclosed self adhering EPDM foam seal/separation strip.

Maintenance

The *TD06* should be checked, recorded and identified annually at the very least by a 'competent' person as required and/or detailed in Government OH&S Acts, Codes of Practice and all applicable building codes.

Designed in Australia by Secure Anchor Systems

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