

Building Product Information Sheet

Class 1

Product Name:

Metal Drive Anchor

Date of Report:

26 / 09 / 2023

Product Line:

ICCONS Metal Drive Anchor

Product Description and its intended use:

An all metal large flange nail in anchor consisting of a zinc clear pin assembled in a zamac alloy body. Once set the pin sits flush with the alloy body creating a tamper resistant fixing. The large flange head offers great pull over resistance.

Key technical specifications:

- Product type: Nail In Anchor
- Finish options: Carbon steel zinc pin, Zamac Alloy body.
- Head options: large flange tamper resistant pan head
- Dimensions, embedment depth, tensile and shear capacities varies based on part. Refer to document 'Metal Drive Anchor Technical Bulletin' for specific values per part:

https://sestofasteners.co.nz/products/metal-drive-anchor?_pos=1&_sid=0465bee3b&_ss=r

Product Identifier

Metal Drive Anchor

Place of Manufacture:

Overseas

Manufacturer:

ICCONS PTY LTD

Importer:

Sesto Fasteners Limited

Address: 5e Piermark Drive
Rosedale, Auckland
Postcode: 0632
Website: www.sestofasteners.co.nz
Email: orders@sestofasteners.co.nz
Phone: +64 94158564
NZBN: 9429041704103

Relevant Building Code Clauses:

- B1 Structure: Performance clauses B1.1, B1.2, B1.3.1, B1.3.2, B1.3.3, B1.3.4
- B2 Durability: Performance clauses B2.2
- F2 Hazardous Building Materials: Performance clause F2.3.1

Statement on how the building product is expected to contribute to compliance:

- B1 Structure: clauses B1.1, B1.2, B1.3.1, B1.3.2, B1.3.3, B1.3.4:
 - Ideal for applications where a clean, low profile aesthetic appearance is desired.
 - ICCONS Metal Drive Anchors have been assessed for Allowable Working Load (W.L.L.) in 32MPa concrete. Performance information values for tensile capacity, shear capacity and embedment length is available. Results vary based on part number. Refer to document 'Metal Drive Anchor Technical Bulletin' for specific data per part, available in the link below:
https://sestofasteners.co.nz/products/metal-drive-anchor?_pos=1&_sid=0465bee3b&_ss=r
- B2 Durability: Performance clauses B2.2
 - ICCONS Metal Drive Anchors are an all metal nail in anchor consisting of a Zinc Clear pin assembled in a zamac alloy body. Once set the pin sits flush with the alloy body creating a tamper resistant fixing.
 - The large flange head offers great pull over resistance.
- F2 Hazardous Building Materials: Performance clause F2.3.1
 - ICCONS Metal Drive Anchors are safe when handled.

Limitations on the use of the building product:

- Not recommended for overhead use.
- Ensure you wear protective respiratory equipment when drilling into concrete.
- Refer to document 'Grabcon Technical Bulletin' for allowable working load (W.L.L.) data in 32 MPa concrete, available in the link below. The performance information is representative of a single anchor installed in a hammer drilled, dry hole remote from an edge. Capacities listed are allowable working loads and incorporate a factor of safety ≥ 3 .
https://sestofasteners.co.nz/products/grabcon-concrete-framing-screw?_pos=2&_sid=cd7706670&_ss=r

Design requirements that would support the use of the building product:

ICCONS Metal Drive Anchor has been designed for use in the following applications:

- Concrete
- Stone
- Block
- Brick
- Hollow Brick
- Hollow Slab

Features that support the use of the product:

- Quick and simple hammer installation
- Tamper resistant head
- Flanged head resists pull-over
- Clean, low profile aesthetic appearance.

Installation requirements:

ICCONS Metal Drive Anchor Installation steps:

1. With the correct diameter drill bit, drill a hole to the depth of at least one diameter of the anchor deeper than required embedment.
 2. Clean dust and other material from the hole.
 3. Insert the anchor through the fixture and into the hole until the head is flush with the fixture.
 4. Using a hammer, drive the nail into the drive anchor until the head is flush with the top of the anchor.
 5. Installation complete.
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Maintenance requirements:

N/A, no on-going maintenance required.

Is the building product subject to warning or ban under section 26?:

No

