

Building Product Information Sheet

Class 1

Product Name:

Nylon Nail in Anchor - Round Head

Date of Report:

04 / 10 / 2023

Product Line:

ICCONS Nailin Anchor

Product Description and its intended use:

A light duty friction style nylon nail in anchor consisting of a zinc yellow passivated removable pin and a pre-formed nylon body. The pin is driven into the nylon body causing the expansion zone to spread, performing a friction hold against the wall of the hole. Available in different head variations such as mushroom head, round head and countersunk. This simple anchor is quick and easy to use for a multitude of applications and is applicable in concrete, stone, solid brick and block, and lightweight concrete substrates

Key technical specifications:

- Product type: Nail in Anchor
- Finish options: Nylon body, Stainless steel 304 A2 pin, Carbon Steel Zinc yellow pin.
- Head options: Round head
- Base material: concrete, stone, solid brick, hollow brick
- Special features: tamper resistant
- Load performance: light loads
- Material specifications: drill diameter, maximum fixture thickness varies based on part. Refer to document 'Nylon Nailin Anchors Catalogue Page' for specific values per part:

https://sestofasteners.co.nz/products/nylon-nail-in-anchor-round-head?_pos=1&_sid=a584892f0&_ss=r

Product Identifier

Nail In Anchors

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:
 - Light duty friction style nylon nail in anchor consisting of a 304 SS removable pin and a pre-formed Round Head nylon body. The pin is driven into the nylon body causing the expansion zone to spread performing a friction hold against the wall of the hole.
 - Suitable for light loads
 - Suitable for use in concrete, stone, solid brick and block, and lightweight concrete substrates.
 - ICCONS Nylon Nailin Anchors (Stainless Head) have been assessed for ultimate load capacity performance in concrete (20MPa). Tensile capacity, shear capacity and anchor embedment values vary based on part number. Refer to document 'Nylon Nailin Stainless Round Head Technical Bulletin' for specific values per part:
<https://sestofasteners.co.nz/products/nylon-nail-in-anchor-round-head?variant=37602168996009>
- B2 Durability: Performance clauses B2.2
 - Body material: Engineered nylon
 - (Stainless steel) Nail material: Type 304 Stainless steel
 - (Zinc) Nail material: Zinc yellow passivated removable pin.
- F2 Hazardous Building Materials: Performance clause F2.3.1
 - ICCONS Nylon Nail in Anchors are safe when handled.

Limitations on the use of the building product:

- The published capacities in document 'Nylon Nailin Stainless Round Head Technical Bulletin' are Mean Ultimate Values. Appropriate safety factors should be used to determine allowable loads.
- The published capacities in document 'Nylon Nailin Anchors Technical Data' are Average Ultimate Loads. A minimum safety factor of 4 should be applied to the above values to determine the recommended working loads.

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

ICCONS Nail In Anchors have been designed for use in the following applications:

- Concrete
- Stone
- Solid brick
- Solid block
- Lightweight concrete

Features that support use of the building product:

- Fast installation
- Discrete fixing
- Small drill size
- Round head style

Installation requirements:

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

