

# Building Product Information Sheet

## Class 1

**Product Name:**

Round Head Spring Toggle - Zinc

**Date of Report:**

30 / 10 / 2023

**Product Line:**

Spring Toggle

**Product Description and its intended use:**

The round head spring toggle is a threaded screw pre-assembled onto a spring set toggle, ideal for fixing items with low loads to walls and ceilings. The toggles are closed over and passed through the required size hole in the hollow base material, once through the toggle opens and the tightening of the pre-assembled nut and washer secures the toggle at the back of the base material. Available in a range of lengths to accommodate for various material thicknesses.

**Key technical specifications:**

- Product type: Spring Toggle
- Finish options: Zinc Clear
- Head options: Round head, pan/PH2/slot drive type.
- Base material: Plasterboard
- Load performance: Light loads
- Material specifications: rated fixture thickness, tensile capacity varies based on part number. Refer to document 'Spring Toggle Technical Bulletin' for specific values per part, available in the link below:

[https://sestofasteners.co.nz/products/round-head-spring-toggle-zinc?\\_pos=1&\\_sid=e337e65dc&\\_ss=r](https://sestofasteners.co.nz/products/round-head-spring-toggle-zinc?_pos=1&_sid=e337e65dc&_ss=r)

**Product Identifier**

ICCONS Spring Toggle 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](http://www.sestofasteners.co.nz)  
Email: [orders@sestofasteners.co.nz](mailto:orders@sestofasteners.co.nz)  
Phone: +64 94158564  
NZBN: 9429041704103

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## 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:
  - The round head spring toggle is a threaded screw pre-assembled onto a spring set toggle, ideal for fixing items with low loads to walls and ceilings. The toggles are closed over and passed through the required size hole in the hollow base material, once through the toggle opens and the tightening of the pre-assembled nut and washer secures the toggle at the back of the base material. Available in a range of lengths to accommodate for various material thicknesses.
  - ICCONS Spring Toggles have been assessed for Allowable Working Load (W.L.L.) in 10 mm Plasterboard. Fixture thickness and tensile capacity values varies based on part. Refer to document 'Spring Toggle Technical Bulletin' for specific values, available in the link below:  
[https://sestofasteners.co.nz/products/hook-spring-toggle-zinc?\\_pos=1&\\_sid=6f1a27615&\\_ss=r](https://sestofasteners.co.nz/products/hook-spring-toggle-zinc?_pos=1&_sid=6f1a27615&_ss=r)
  - All metal construction, ideal for both wall and ceiling applications.
  - Wide wingspan provided high loadings in plasterboard and other cavity applications.
- B2 Durability: Performance clauses B2.2
  - ICCONS Spring Toggles are available in Zinc clear finish.
  - Secure through-fix
  - Cup hook version available. Cup hook creates easy hanging point for ceiling applications.
  - Multiple fixture thickness
  - Clean, low profile aesthetic appearance.
- F2 Hazardous Building Materials: Performance clause F2.3.1
  - ICCONS Spring Toggles are safe when handled.

## Limitations on the use of the building product:

- ICCONS Spring Toggles are designed for use in light load applications only.
- Note on Allowable Working Load data available in document 'Spring Toggle Technical Bulletin': The above information is representative of a single anchor installed in a 10mm plasterboard cavity wall. Capacities listed above are allowable working loads and incorporate a factor of safety  $\geq 3$ .
- Refer to document 'Spring Toggle Technical Bulletin' to ensure you choose the part that meets the tensile capacity and fixture thickness requirements for your application.
- Take care not to overtighten the screw, as this can damage the plasterboard base material.

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

- ICCONS Spring Toggles have been designed for use in the following applications:
- Suitable in all types of hollow base materials.
- Ideal for fixing items to walls and ceilings.

Features that support use of the product:

- Round head screw suitable for a range of fixture applications.
  - Suitable thick wall or ceiling applications
  - High load performance
  - Available in various lengths for different fixture thicknesses.
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## Installation requirements:

Installation steps:

1. Drill a hole: use an appropriate size drill bit to make a hole in the base material. Refer to document 'Spring Toggle Technical Bulletin' to choose which part is suitable for your application. The hole should be wide enough to allow the folded spring toggles to pass through.
2. Insert the anchor: pass the screw with spring toggles attached through the base material hole.
3. Tighten: use a screwdriver to tighten the screw clockwise until affixed securely to the base material.
4. Installation complete.

## Maintenance requirements:

N/A. no ongoing maintenance required.

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

No

