

Building Product Information Sheet

Class 1

Product Name:

PX Drive Pins - 8mm Head

Date of Report:

04 / 10 / 2023

Product Line:

ICCONS Nailing Systems - Powder Actuated

Product Description and its intended use:

PX drive pins is a common Powder Actuated consumable used for numerous fixing applications to concrete (for use with most low-velocity powder actuated tools). The ballistic tip of this drive pin is made for the best drivability in concrete. Ideal for fastening wood and timber base plate to concrete substrates, setting up formwork and safety barriers as well as fastening wall ties and steel track to concrete. This drive pin is available in lengths from 16mm to 99mm (99mm pins are not compatible with the ICCONS PX375).

Key technical specifications:

- Product type: Drive Pin
- ICCONS PX Tools compatible: PX375, PX350, PX60M (adapter may be required)
- Powers PA Tools compatible: PA3500EX, P3X
- Ramset PA Tools compatible: FrameMaster TS750P, FormMaster, TyMaster, JobMaster
- Hilti DX Tools compatible: DX2, DX 36, DX351 MX (adapter may be required), DX351 M+E, DX460-F8, DX460 MX 72 (adapter may be required), DX A40/A41 (adapter may be required).

Product Identifier

PXS Drive Pins

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:
 - ICCONS PX Drive Pins have been tested for allowable working load capacity in 32 MPa concrete. Tensile and shear capacity may vary based on part number. Refer to document 'PX Drive Pin Technical Bulletin' to see specific values per part, available in the link below: https://sestofasteners.co.nz/products/px-drive-pins-8mm-head?_pos=1&_sid=39f15835a&_ss=r
 - Suitable for numerous fixing applications to concrete and steel (for use with ICCONS PX375 and most other low-velocity powder actuated tools).
 - Ideal for fastening wood and timber base plate to concrete substrates, setting up formwork and safety barriers as well as fastening wall ties and steel track to concrete.
 - Suitable for use with ICCONS PX350, PX375 and PX60M Tools (single shot).
- B2 Durability: Performance clauses B2.2
 - Suits most brands of low velocity powder actuated tools.
 - Ballistic nail tip is made for the best drivability in tough concrete and steel.
 - 3.7mm shank for optimum holding power.
 - Galvanised nail.
 - Refer to document 'PXW75 Information Flyer' for further information, available in the link above.
- F2 Hazardous Building Materials: Performance clause F2.3.1
 - Training, good judgment and care is required when operating nailing equipment.
 - Note: SESTO Fasteners does not offer ICCONS powder actuated tools in New Zealand.
 - Refer to the tools manufacturer for guidelines, instructions and certifications required for use of powder actuated nailing equipment.
 - Refer to the tools manufacturer of your nailing equipment for instruction on safe use of drive pins in the tool being used.

Limitations on the use of the building product:

- Note: SESTO Fasteners does not offer ICCONS powder actuated tools in New Zealand.
- Refer to the tools manufacturer for guidelines, instructions and certifications required for use of powder actuated nailing equipment.
- Refer to the tools manufacturer of your nailing equipment for instruction on safe use of drive pins in the tool being used.
- Suitable for use with ICCONS PX350, PX375 and PX60M Tools (single shot), apart from part number PXS99.
- 100mm Drive Pins (ref PXS99) are not suitable for use with PX350, PX375 or PX60M tools. Suitable for use with Ramset FrameBoss.
- PXW75 are equivalent to part number LWU75. Washered 75mm Drive Pin for use in TS750P.
- Data provided in document 'PX Drive Pin Technical Bulletin' subject to note: Minimum 5 fastenings per fastened unit, Visible Failures must be replaced, Assumes Static Loading. Capacities listed above are allowable working loads and incorporate a factor of safety exceeding 4.
- For Applications Specific Design Assistance: please contact ICCONS technical engineering department for specific design applications. engineering@iccons.com.au

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

ICCONS Drive Pins have been designed for use in the following applications:

- Ideal for quickly fastening to concrete.
- Commonly used to fix timber to concrete when establishing a frame baseplate.
- Ideal for setting up formwork and safety barriers.
- Fastening wall ties.
- Fixing steel track to concrete.

Features that support use of the building product:

- Designed for the best drivability through concrete.
 - For use with ICCONS PX375 and most other low-velocity powder actuated tools.
-

Installation requirements:

- Training, good judgment and care is required when operating nailing equipment.
- Note: SESTO Fasteners does not offer ICCONS powder actuated tools in New Zealand.
- Refer to the tools manufacturer for guidelines, instructions and certifications required for use of powder actuated nailing equipment.
- Refer to the tools manufacturer of your nailing equipment for instruction on safe use of drive pins in the tool being used.

Maintenance requirements:

N/A, no on-going maintenance required.

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

No

