

Building Product Information Sheet

Class 1

Product Name:

PX Collated Drive Pin - 9mm Head with Rubber Spring

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
- Powers PA Tools compatible: P3X
- Ramset PA Tools compatible: FrameBoss

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 Collated Drive Pins have been tested for allowable working load capacity in 20 MPa concrete. Tensile capacity, shear capacity and concrete embedment values vary based on part number. Refer to document 'PX Collated Drive Pins Technical Bulletin' to see specific values per part, available in the link below:
https://sestofasteners.co.nz/products/px-collated-drive-pin-9mm-head-with-rubber-spring?_pos=1&_sid=692b8689e&_ss=r
 - These drive pins have been specifically designed to perform well in a wide variety of base materials such as steel and 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.
 - Suitable for use with all leading Low Velocity tools.
- B2 Durability: Performance clauses B2.2
 - Increased steel hardness, optimum pin shank profile and engineered ballistic tips work together to achieve a secure and reliable penetration into the hardest concrete and steel.
 - Ideal for higher volume applications.
 - Corrosion Protection: Yellow zinc plating 5-15 um.
 - Nominal Head Diameter: 9.0mm
 - Nominal Shank Diameter: 3.7mm.
 - Application Specific Information: please contact ICCONS technical engineering department for specific design applications.
engineering@iccons.com.au
- 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:

- 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.
- Ultimate Load Capacity in Concrete (20MPa) data is subject to note: Concrete thickness must be at least 3 times the embedment depth. Load performance presented above are Ultimate loads and a suitable safety factor must be applied. ICCONS recommend a minimum Safety Factor ≥ 5 should be applied for all non-safety critical applications. A higher safety factor may be chosen for critical connections.
- Fixings should be checked for concrete spalling and failed fixings must be replaced in a suitable location.

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

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

- 9mm head.
- Collated pins for higher efficiency.
- Suitable for use with all leading Low Velocity tools.

Features that support use of the building product:

- Designed for fixing to base materials such as steel and concrete
 - Ideal for higher volume applications
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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

