

Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 1656	25-Mar-2004	Number 8	Issue date 24-Apr-2014	30-Apr-2015

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Product designation

Vertigo™, concrete/steel base material fitment, pipe hanger (threaded rod) components

(Refer to the Schedule/enclosures for further specified details)

Agent/distributor

Powers Fasteners Australasia Pty Ltd
Factory 3, 205 Abbots Road, DANDENONG SOUTH, VIC, AUSTRALIA, 3175

Registrant

Powers Fasteners Australasia Pty Ltd
Factory 3, 205 Abbots Road, DANDENONG SOUTH, VIC, AUSTRALIA, 3175

Producer

Powers Fasteners, Inc.
2 Powers Lane, BREWSTER, NY, UNITED STATES, 10509

Conformance criteria and evaluation

The Vertigo™, concrete/steel base material fitment, pipe hanger (threaded rod) components have been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Factory Mutual - Evaluation, surveillance and approval, 'FM approval'.
2. Underwriters Laboratories - Evaluation, follow-up services and listing, 'UL listing'.

Limitations/conditions of conformance

Limitations/conditions of conformance, where identified on this certificate, are derived from qualifications from evaluation(s) for conformity and/or other related technical documentation. All details with respect to design, assembly and installation instructions and restrictions should be checked against the producer's current technical manual/data sheets and the requirements of the Authority having Jurisdiction.

This certification is issued within the scope of CSIRO Verification Services – Rules governing ActivFire Scheme and is valid only for the product(s) as submitted for evaluation and verification of conformity, subject to the following conditions.

- Reference to details, limitations and requirements, where documented as a schedule/enclosure with this certificate.
- The Registrant is responsible for their attestation of conformity and ensuring that on-going production complies with the conformance criteria defined in this certificate.
- This certificate will not be valid if any changes or modifications are made to the product which have not been notified and validated by CSIRO Verification Services.
- This certificate is subject to periodical re-validation upon verification that all requirements, as determined by the conformity assessment body, continue to be satisfactorily met by the Registrant.
- This certificate may only be reproduced in its published form, without modification and inclusive of all schedules/enclosures.
- Any changes, errors or omissions, must be submitted in writing and if necessary or requested, substantiated with relevant evidence.
- Any representations, such as advertising or other marketing related activities or articles shall reflect the correct contents of this certificate and conform with all relevant trade practices and consumer protection legislation and regulations.
- Any terms or conditions of use as applicable to content and documentation as published or accessed through web sites administered by the CSIRO Verification Services.

Issued by



David Whittaker
Executive Officer – ActivFire Scheme



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The validity and authenticity of this certificate can be verified by the certification register located at <http://www.activfire.gov.au>

Schedule to Certificate of Conformity

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Producer's description

Vertigo™, concrete/steel base material fitment, pipe hanger (threaded rod) components are an all steel threaded fastening system for suspending steel threaded rod vertically overhead in pipe hanging, fire protection, electrical conduit and cable-tray applications. Vertigo™ can be installed in a variety of base materials including steel bar joists and beams, as well as concrete ceilings, beams and columns. Steel threaded rods can be vertically suspended with Vertigo™. It is also offered in a side mount style for lateral installation of steel threaded rods onto joists, columns and trusses. For all steel Vertigo™ fasteners, a Vertigo™ Socket Driver is recommended to provide proper installation with a screw gun or hammer drill in "rotation only" mode. Concrete Vertigo™ fasteners should be installed with the appropriate size standard drive sockets and adjustable torque, battery powered screw gun or hammer drill in "rotation only" mode.

Technical specification

The following details are a representative extract of the technical specification for the Vertigo™, concrete/steel base material fitment, pipe hanger (threaded rod) components and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Part number	Screw shank size and length	Anchor size/ rod diameter
28084	6.5mm x 38mm	M10
28008	1/4" - 20 x 25mm with nuts	M10
28100	1/4" - 20 x 25mm with nuts	M10

Concrete Vertigo™

Part number	Screw shank size and length	Anchor size/ rod diameter	Mount direction	Embed. depth	Max. pipe size	Test load
28084	6.5mm x 38mm	M10	Vertical	38 mm	100 mm	669 kg (1475 lbs)

Steel Vertigo™

Part number	Screw shank size and length	Anchor size/ rod diameter	Mount direction	Embed. depth	Max. pipe size	Test load
28008	1/4" - 20 x 25mm with nuts	M10	Vertical	2.4 mm	100 mm	669 kg (1475 lbs)
28100	1/4" - 20 x 25mm with nuts	M10	Side	2.4 mm	100 mm	669 kg (1475 lbs)