

PYTHON C



Structural interconnection of masonry cavity walls and veneers

PYTHON C is a purposely designed, state of the art cavity tie system that effectively integrates veneer and cavity wall layers.

FEATURES

- Structurally integrates masonry veneers enabling composite out-of-plate behavior
- Enables composite out-of-plane behavior in cavity walls
- High tension and shear capacity
- Rotary installation for strong and durable mechanical bond
- No unwinding during cyclic earthquake loading
- Proven not to transfer moisture across wall cavities in accordance with NZS2699.1:2000
- Dry installation, no epoxy required
- Fast installation with no specialised tools or skills needed

DURABILITY

- Zinc-Nickel coating
- Aligns with durability requirements for external coastal environments
- 1500 hour salt spray testing in accordance with ASTM B117:2019 completed with no loss in structural integrity

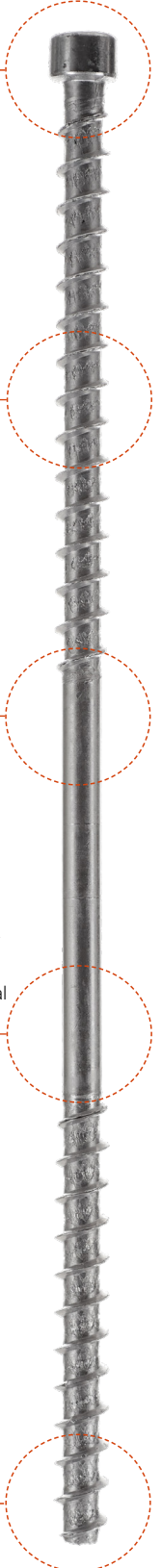
PYTHON® countersunk head

Strong gripping threads

Increased shank for optimised shear transfer

1/4" (6mm) shank diameter to accommodate thermal differential effects

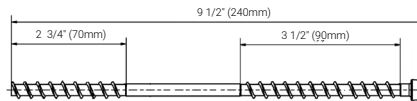
Cutting teeth for smooth installation



TECHNICAL



- 1/4" (6mm) diameter and 9 1/2" (240mm) standard length
- On-site quality assurance testing available
- Installers must use a rotary drill for pre-drilling
- Full design capacity tables are available in our product guide



PYTHON C	Tested Capacity*		ICC-ES AC545 Allowable Load*
	Tension	Shear	
1/4" (6mm)	1120lb (5kN)	225lb (1kN)	ICC-ES Certified Allowable Loads available, see ICC-ES ESR-5183 report

Please contact us for additional technical information and design guidance on using the PYTHON C to achieve full out-of-plane composite behaviour. Capacities provided in the table above apply to soft brick with a minimum embedment of 2 3/4" (70mm). *Full design capacity tables are available in our product guide for a range of substrates and embedment depths.

Manufactured in Austria. Patent Pending

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