

NOTES:

Masonry Anchors

1.

Post fixed mechanical or injection mortar or epoxy type chemical anchors

1.1

General

All fasteners shall be proprietary products with a proven track record in the Australian building industry.

1.2

Material

Unless otherwise approved, all components of the connection shall be austenitic stainless steel (Grade 304 or Grade 316). All connections shall comply with AS 5216.

1.3

Design

Use only proprietary anchors and design in accordance with the manufacturer’s requirements. All anchors shall be compliant with AS 5215.
2.

Concrete Screw-Anchors

2.1

General

Concrete Screw-Anchor to be a totally removable rotation setting, thread forming anchor, ideal for either temporary or permanent anchoring into substrates such as concrete, brick, hollow brick or block. The Concrete Screw-Anchor to be well suited to close-to-edge or close-to-anchor fixing.

2.1

Concrete Screw-Anchor Materials

Concrete Screw-Anchor are manufactured from a dual hardened heat treated carbon steel that is plated to a commercial standard coatings in both electroplated zinc (clear) and mechanically galvanised finish.

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Anchor Body 10B21 Boron Steel

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Plating Zinc Clear 5 microns (min.) AS1789-FE/ZN

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Plating Mechanical Galvanised 25 microns (min.) AS3566-2

2.2

Bi-Metal Concrete Screw-Anchor Materials

Bi-Metal Concrete Screw-Anchor material specification provides superior corrosion resistance and lifespan for use in outdoor environments over other material. The Bi-Metal anchor uses 316 (A4) marine grade stainless steel in the loading area combined with a case hardened carbon-steel tip for the purpose of commencing the threading action into concrete.

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Anchor Body A4-316 1.4401 (EN 10263-5)

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Anchor Tip Case Hardened carbon steel (EN 10263-4)

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Plating Zinc Clear 5 microns (min.) AS1789-FE/ZN

3.

Submission

The Contractor shall submit which anchors they propose to use for approval.
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|------------|---|-----|
| TITLE | MATERIAL SPECIFICATION
MASONRY ANCHORS | |
| CLADDING | ALL | |
| SUBSTRATE | MASONRY | Rev |
| DWG NUMBER | 000-AC-GF-DWG-0104 | 4 |
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