

Product Specification – Pre-Cast Pile Bar Chair



Pre-Cast Pile Bar Chair

Product Description and Use

The Pre-Cast Pile Bar Chair is used to ensure concrete cover to reinforcing wire of a Pre-Cast Pile cage.

Manufactured in Australia under AS/NZS ISO 9001 guidelines the latest Pre-Cast Pile Chair has been designed to improve load carrying ability whilst still be an economical and simple-to-use product.

Features

- Provides Concrete Cover of 40, 45 or 50mm
- Manufactured from Recycled or Virgin materials as required
- Available in Carbon Fibre Reinforced Polymer (CFRP)
- Simple Push-Fit installation
- Suits Bar Sizes 4-10mm
- AS/NZS 2425:2015 compliant
- Manufactured in Australia under AS/NZS 9001 guidelines

Material

Pre-Cast Pile Bar Chairs are Injection Moulded in Australia using Black 100% Recycled or Virgin Polypropylene as required. Alternatively, the Pre-Cast Pile Chairs can be manufactured using our Carbon Fibre Reinforced Polymer.

Co-Packers Carbon Fibre Reinforced Polymer (CFRP) was initially designed to meet the requirements Qld Transport's MRTS63. The Polymer blend is Polyolefin based with Carbon additives to provide improve Chloride Permeability and Flame Resistance results. A CFRP Pile Cage Spacer was tested and achieved a Rapid Chloride Penetration Test score of 465 coulombs using a standard cure 58 day sample.

CFRP Pre-Cast Pile Chair features

- Expands to bond and seal inside concrete
- Flame resistant
- Insulating and self-repairing
- Suitable compression strength for use with concrete (44Mpa)
- Chloride Permeability 465 Coulombs

Product Codes

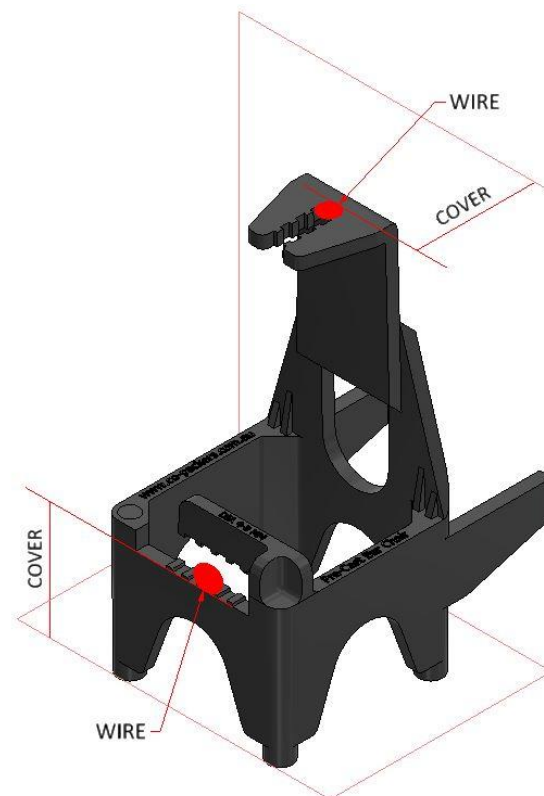
Standard Polymer BCxx/ww
CFRP BCxx/ww CBN

Where xx denotes Cover, ww denotes wire size

Product Name	Product Code
40mm Bar Chair to suit 4-6mm wire	BC40/6
45mm Bar Chair to suit 4-6mm wire	BC45/6
50mm Bar Chair to suit 4-6mm wire	BC50/6
40mm Bar Chair to suit 8-10mm wire	BC40/10
45mm Bar Chair to suit 8-10mm wire	BC45/10
50mm Bar Chair to suit 8-10mm wire	BC50/10
40mm CFRP Bar Chair to suit 4-6mm wire	BC40/6 CBN
45mm CFRP Bar Chair to suit 4-6mm wire	BC45/6 CBN
50mm CFRP Bar Chair to suit 4 -6mm wire	BC50/6 CBN
40mm CFRP Bar Chair to suit 8-10mm wire	BC40/10 CBN
45mm CFRP Bar Chair to suit 8-10mm wire	BC45/10 CBN
50mm CFRP Bar Chair to suit 8-10mm wire	BC50/10 CBN

*** refer to the latest Price list for Bag / Pallet Quantities*

Identifying Cover and Wire Sizes



Installation Example

