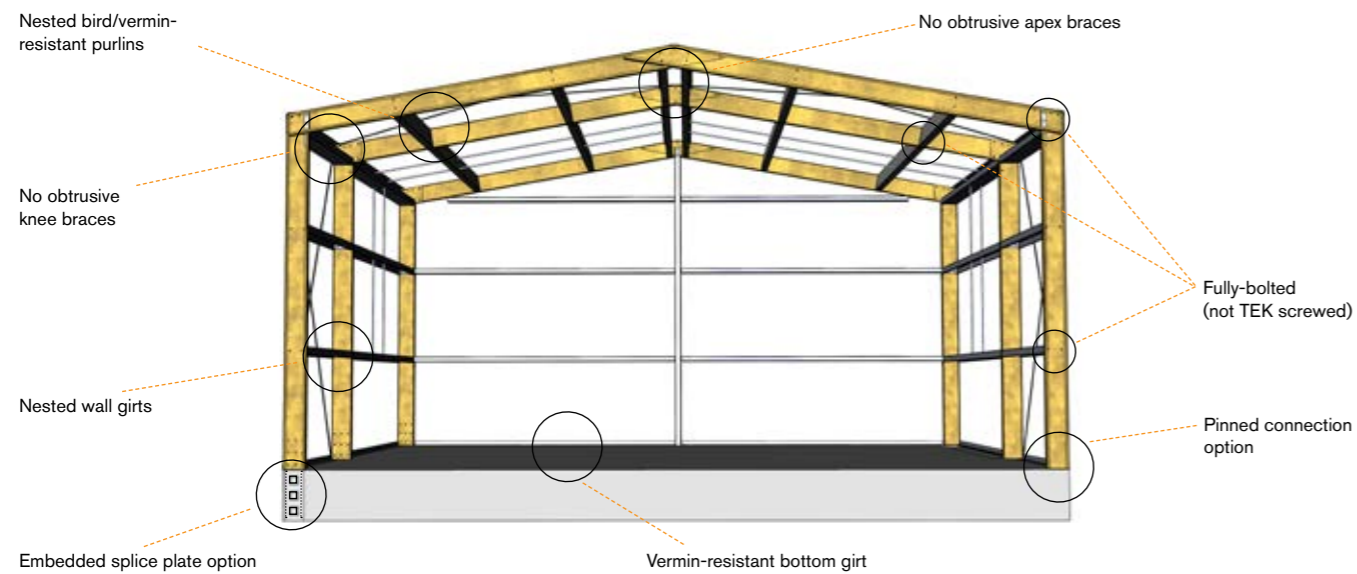
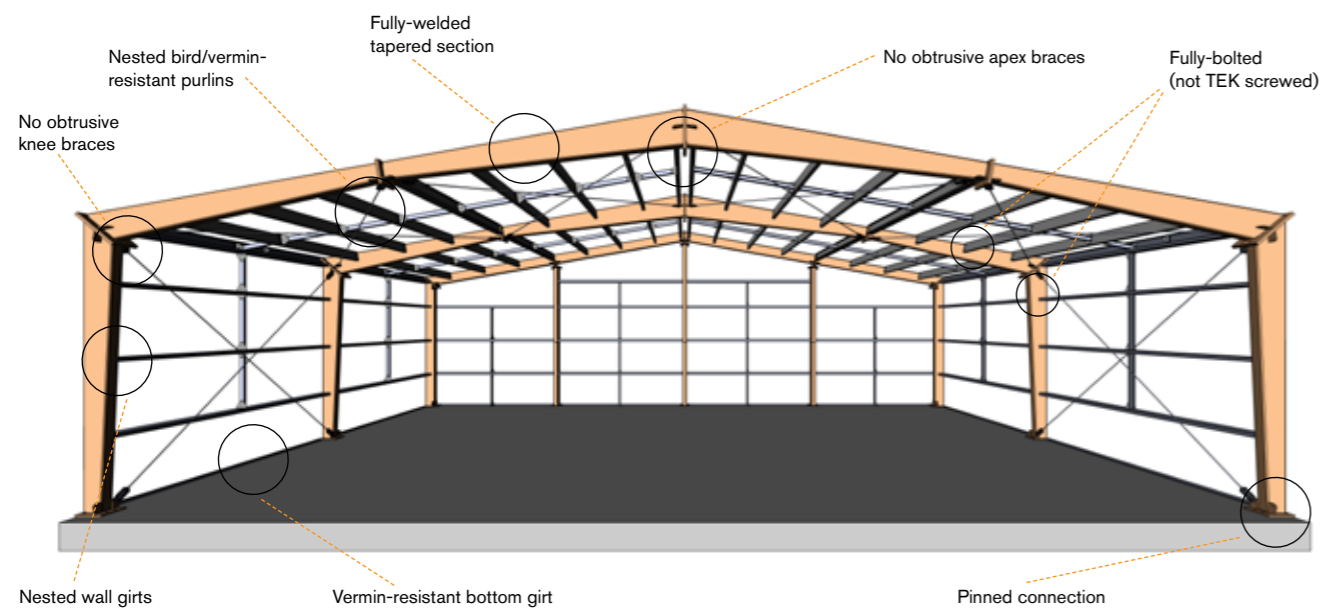


## Bracketless Portal System



Our unique, patented Bracketless Portal System is constructed using cold-formed flat Z450 galvanised coil. Typical clearspans range from 9m to 30m.

## Tapered Box Beam Structure



The Tapered Box Beam is manufactured by folding two halves of steel plate and welding them together to form a box. The box is tapered through its length, utilising only the amount of steel required, which reduces the weight/cost without affecting structural integrity. Using the Tapered Box Beam, spans range from 20m to 75m.



# COMMERCIAL

## © BETTER STEEL BUILDINGS ©

Our innovative portal systems support buildings of virtually any size or shape. We manage the process from start to finish with our in-house design, engineering, manufacturing and construction teams. For that reason we can guarantee a shorter timeline, while maintaining a cost-effective price for your project.

Learn more about our systems

[WWW.CORESTEEL.CO.NZ](http://WWW.CORESTEEL.CO.NZ)  
**0800 CORESTEEL**



## Plumbing World, Invercargill



The building utilises Coresteel's patented Bracketless Portal System, including bird-resistant purlins in the warehouse area.



Dimensions: 40.6m L, 24.5m W, 5.5m H, 1062m<sup>2</sup>.

## Mainfreight Depot, Taupo



Dimensions: 40m L, 38m W, 6m H, 1340m<sup>2</sup>.



The 1340sqm Bracketless Portal System structure allows for an 800m<sup>2</sup> secure storage space, and a 540m<sup>2</sup> drive-through canopy for 24-hour, all-weather loading.

## Hamilton Heliport Ltd



Dimensions: 52m L, 18.3m W, 8m H, 1152m<sup>2</sup>.



"Coresteel's Bracketless Portal System meant we could realise the vision of a hangar that was both practical and stylish in its design."  
- Brett Glover, Director

## PlaceMakers, Whangarei



The structure includes a warehouse, showroom, tradedesk, ground and first level offices, training areas and a lunch room.



Dimensions: 73m L, 29m W, 7.6m H, 2455m<sup>2</sup>. Tapered Box Beam structure.

### The complete Coresteel package

- Cost-effective systems without compromising structural integrity
- Buildings not confined to set sizing - fully bespoke
- No obtrusive knee or apex braces
- Fully-bolted primary and secondary sections i.e. not TEK screwed
- Bird-resistant purlins and vermin-resistant girts
- Coresteel is your designer, engineer, manufacturer and builder all in one, considerably reducing costs
- 50-year design life/durability statement
- Coresteel is 100% New Zealand owned and operated
- Two unique building systems - patented Bracketless Portal System and Tapered Box Beam.

**For a personalised quote, contact your local franchise**  
**[www.coresteel.co.nz/contact](http://www.coresteel.co.nz/contact) | 0800 CORESTEEL (0800 267 378)**

## Brother International



Dimensions: 92.3m L, 65m W, 10m H, 6625m<sup>2</sup>. Tapered Box Beam structure.



Brother International was constructed using the Tapered Box Beam system, providing an economical yet elegant solution.