

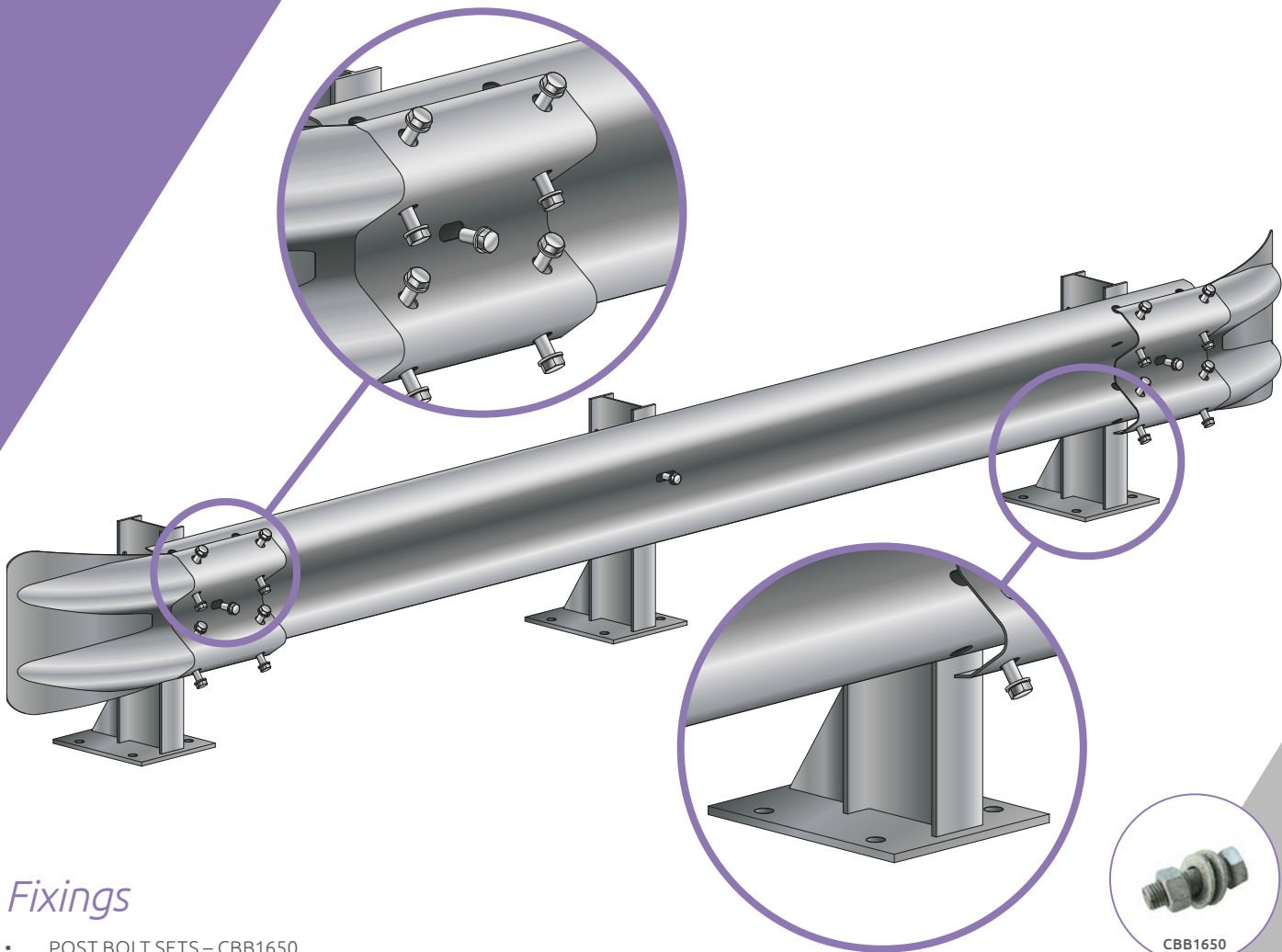
# Corrugated Safety Barrier

## Corrugated Safety Barrier

This product is widely used in installations such as industrial/retail estates, car parks and warehouse facilities. Available in straight beams or in a variety of radii, when combined with the appropriate corner sections, end units and post options, will more than satisfy the barrier requirements of your site.

### Product and Finish Standards

- All items, except the plastic end cap, have a standard galvanised finish.



### Fixings

- POST BOLT SETS – CBB1650  
M16x50mm Post Bolt Set, used to bolt the Corrugated Safety Beam to the posts.
- LAP BOLT SETS – CBB1635  
M16x35mm Lap Bolt Set, used to bolt the Corrugated Safety Beam together.
- THROUGH BOLTS – FTB16175  
M16x175mm Through Bolts, used to bolt the Base Plated Posts and the Sprung Barrier Brackets onto concrete.
- CHEMICAL RESIN SYSTEM  
M16x190mm Chem Stud (FST1619), used to bolt the Base Plated Posts and the Sprung Barrier Brackets onto concrete. We supply the complete system including the chemical resin (FCHPUF), puffer pump to remove dust from holes (FCHT380) and dispensing gun to take chemical resin tube (FCHGUN).



FST1619



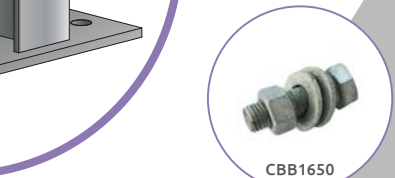
FCHPUF



FCHT380



FCHGUN



CBB1650



CBB1635



FTB16175

Suitable For:

Industrial Estates, Car Parks,  
Warehouses. It is not suitable  
for use in highway applications.

For more details on this product please visit our website:  
[www.alexandrasecurity.com/barriers](http://www.alexandrasecurity.com/barriers)

## Corrugated Barrier – CBC35

Untensioned safety barrier is not suitable for use in highway applications. The corrugated beams are 3.5m overall length with an effective length of 3.2m. Beams are joined using 8 No. M16 x 35mm Lap Bolt sets and posts bolt to the beam using 1 No. M16 x 50 Post Bolt set.

### Straight Beam

| Code  | Length O/A | Effective Length | Material    | Finish     | Weight |
|-------|------------|------------------|-------------|------------|--------|
| CBC35 | 3500mm     | 3200mm           | 2.5mm thick | Galvanised | 42.4kg |

### Curved Beam

| Code     | Description | Radius | Length | Weight |
|----------|-------------|--------|--------|--------|
| CBC355R  | Concave     | 5000mm | 3500mm | 42.4kg |
| CBCV355R | Convex      | 5000mm | 3500mm | 42.4kg |
| CBC356R  | Concave     | 6000mm | 3500mm | 42.4kg |
| CBCV356R | Convex      | 6000mm | 3500mm | 42.4kg |

Other radius beams are available to special order



## Wing End Terminal – CBTWE

The Wing End Terminal is used to terminate a run of safety barrier. It provides an effective, robust solution in high volume traffic areas.

**Please note:** This terminal end is not suitable for use where pedestrian access is required. Installed using one post (choice available) which also serves to support the end of the barrier.



## Pedestrian End Terminal – CBTPE

The Pedestrian End Terminal is used to terminate a run of safety barrier. It provides an effective solution in high volume traffic and pedestrianised areas.

Installed using one post (choice available) which also serves to support the end of the barrier.



## Plastic End Cap – CBTEC

The Plastic End Cap is used to terminate a run of safety barrier. It provides an effective solution in pedestrianised areas.

**Please note:** This Plastic End Cap is not suitable for use where vehicle access is required. Installed by sliding over the end of the beam and held in place with the post bolt set.



## 90° External Corner – CBC90E

Suitable for use where two runs of barrier meet at 90°, effectively joining and eliminating any gap in the barrier. Installation is with two posts (choice available) which also serve to support the end of each barrier run, two M16 x 50 post bolt sets, and 16 No. M16 x 35 lap bolt sets.



90° Internal  
Corner  
– CBC90I

Suitable for use where two runs of barrier meet at 90°, effectively joining and eliminating any gap in the barrier.

Installation is with two posts (choice available) which also serve to support the end of each barrier run, two M16 x 50 post bolt sets, and 16 M16 x 35 lap bolt sets.



45° External Corner –  
CBC45E

The 45° External Corner Connector is suitable for use where two runs of barrier meet at 45°, effectively joining and eliminating any gap in the barrier.

Installation is with two posts (choice available) which also serve to support the end of each barrier run, two M16 x 50 post bolt sets, and 16 M16 x 35 lap bolt sets.



45° Internal Corner – CBC45I

The 45° Internal Corner Connector is suitable for use where two runs of barrier meet at 45°, effectively joining and eliminating any gap in the barrier.

Installation is with two posts (choice available) which also serve to support the end of each barrier run, two M16 x 50 post bolt sets, and 16 M16 x 35 lap bolt sets



Adjustable Corner – CBCSS

The Adjustable Corner/Bullnose Joint can vary a change in direction from 0 - 180°. It is also used to terminate a double sided safety barrier run - giving rise to the name Bullnose.

Installation is with two posts which also serve to support the end of each barrier run, and 16 M16 x 35 lap bolt sets.



Sprung Barrier Bracket – CBPSBB

The Sprung Barrier Bracket offers a heavy duty and flexible system which allows the barrier to deflect and spring back into place after impact. It is widely used in industrial and logistics warehousing and is particularly useful in areas where forklifts are operating. The post is surface mounted and is compatible with both the Corrugated and Open Box Beam barrier systems.



Concrete in Post 100x44mm  
'Z' section x 1200mm long – CBPZ100

Steel posts in 'Z' section have been the traditional and time served choice for a number of years and are suitable for commercial areas, car parks and industrial parks, etc.

These posts are suitable for non highway use and where frequent contact is likely. Compatible with both the Corrugated and Open Box Beam barrier systems.



Concrete in Post 125x90mm  
'Z' section (two lengths available) – CBPZ125

Steel 'Z' section posts have been the traditional and time served choice for a number of years, used in commercial areas, car and industrial parks, etc. These posts are suitable for non highway use and where frequent contact is likely. Compatible with both the Corrugated and Open Box Beam barrier systems.

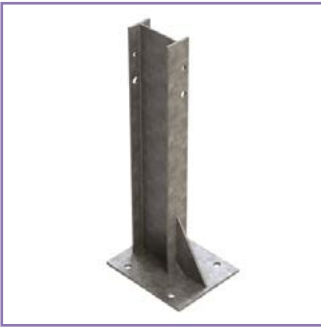
| Code     | Section  | Lenght | Material Thickness |
|----------|----------|--------|--------------------|
| CBPZ125S | 125x90mm | 1200mm | 6.0mm              |
| CBPZ125L | 125x90mm | 1500mm | 6.0mm              |



Concrete in Post 150x75mm  
'I' section (two lengths available) – CBPZ125

Steel 'I' section posts provide a more robust solution than the traditional 'Z' section posts, used in commercial areas, car and industrial parks etc. they are also frequently used around waste disposal and re-cycling plants. Compatible with both the Corrugated and Open Box Beam barrier systems.

| Code     | Section  | Lenght | Material Thickness |
|----------|----------|--------|--------------------|
| CBPI127S | 150x75mm | 1200mm | 6.0mm              |
| CBPI127L | 150x75mm | 1500mm | 6.0mm              |



Base Plated Post  
150x75mm 'I' section  
(two lengths available) – CBPBP

Steel 'I' section base plated posts are ideally suited for bolting directly onto a concrete surface. A choice of two fixing options are available; the standard anchor bolt or the chemical stud system, both available on request. Compatible with both the Corrugated and Open Box Beam barrier systems.

| Code    | Section  | Lenght | Material Thickness |
|---------|----------|--------|--------------------|
| CBPBP56 | 150x75mm | 560mm  | 6.0mm              |
| CBPBP76 | 150x75mm | 760mm  | 6.0mm              |