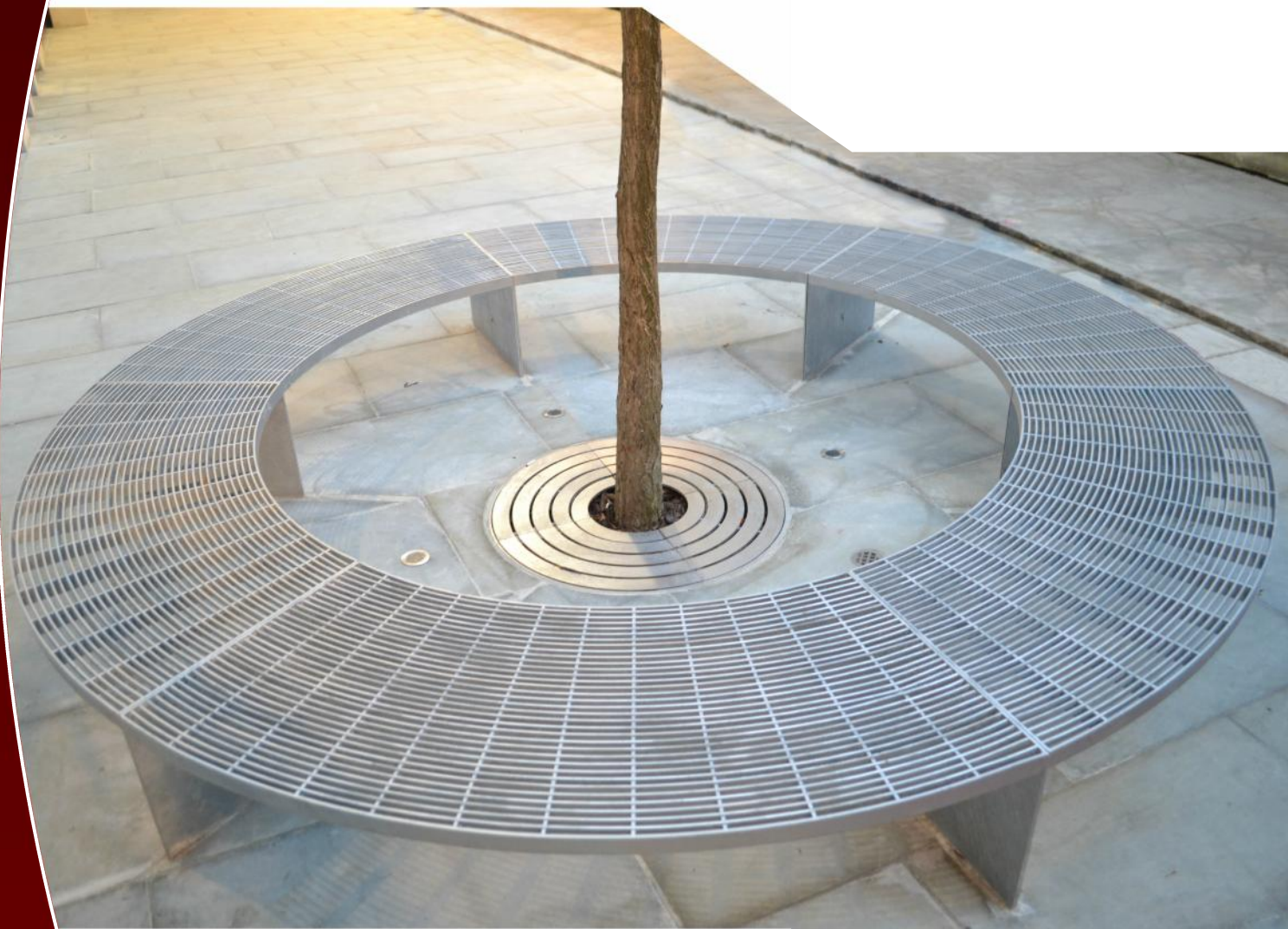


Kent Circular Tree Bench



KENT CIRCULAR TREE BENCH KCTB-1650

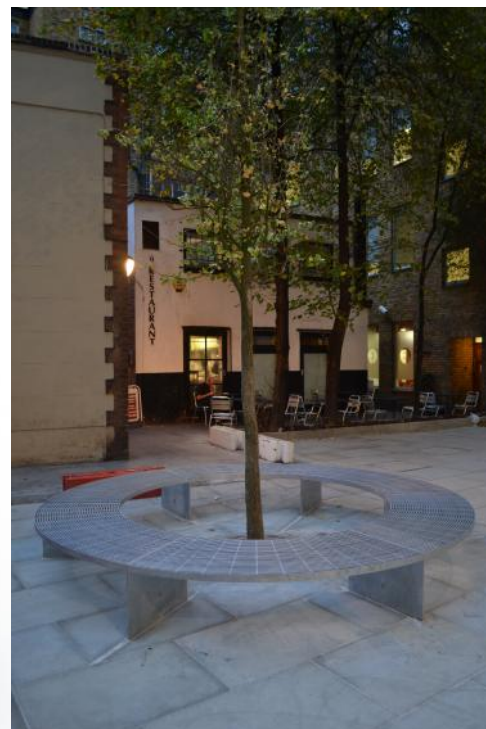
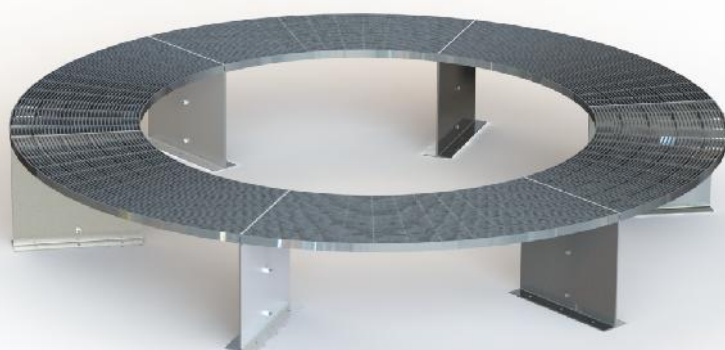
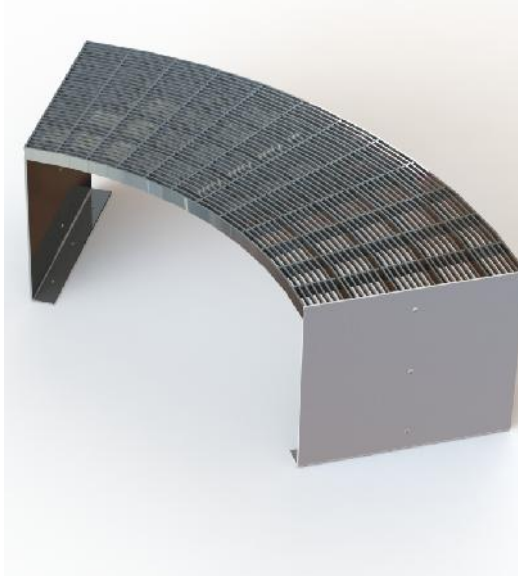
The Kent Circular Tree Bench was designed for Gutter Lane in London. This model is manufactured from mild steel galvanised but is also available in both Grade 304 and Grade 316 Stainless Steel.

Our Circular Tree Bench is manufactured in a 1650mm long sections. Which is then bolted into the ground and together.

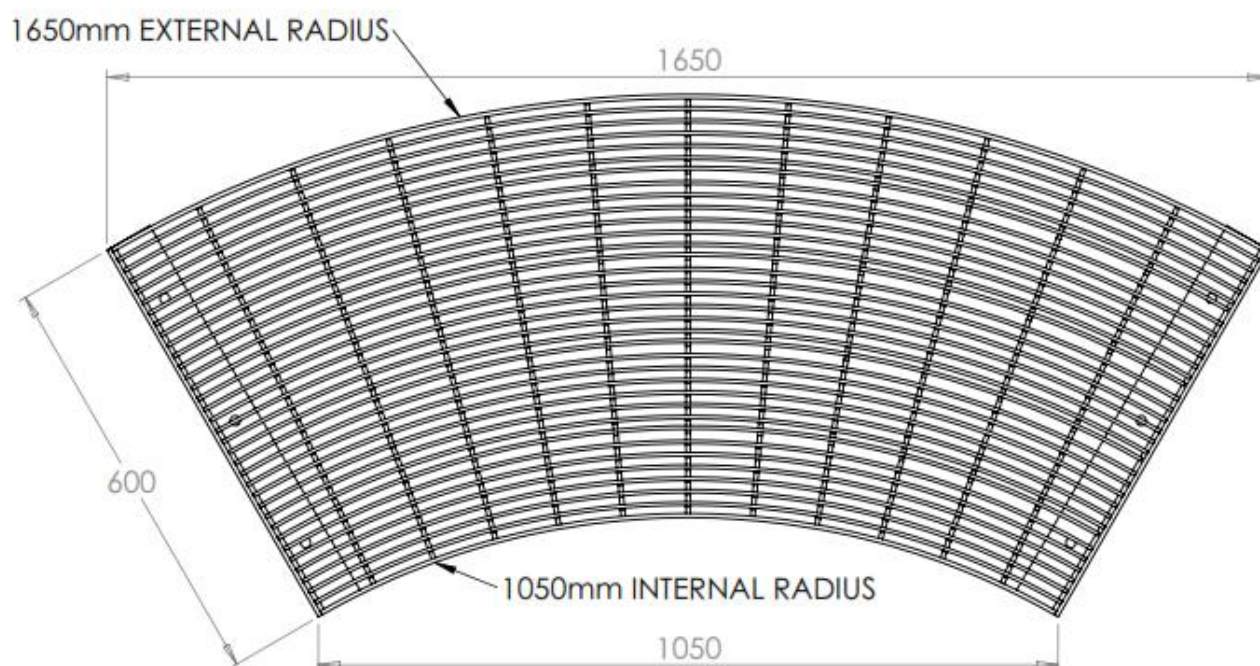
The modular design allows for feature benches to be used around trees, planters or sculptures and lends itself to creating a curved seating area when required. It can be curved into a circle or a serpentine shape.

Features:

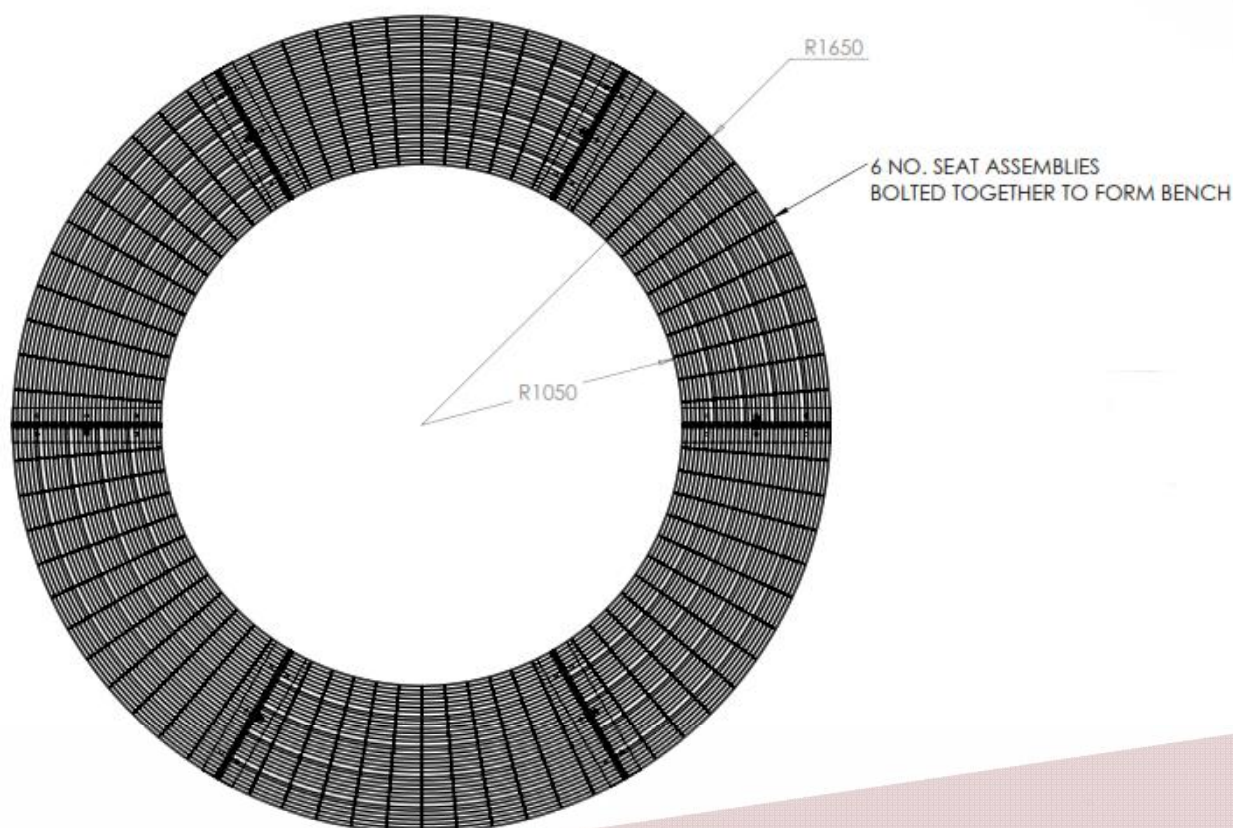
- Mild Steel Galvanised
- 1050mm internal radius
- Available in Circular or a serpentine shape
- Cast In

Full Circular Bench**Single Bench**

KENT CIRCULAR TREE BENCH KCTB-1650



Product Code	Length	Width	Height
Kent Circular Tree Bench KCTB1650	1650mm	600mm	530mm



KENT CIRCULAR TREE BENCH KCTB-1650**Fixing Details**

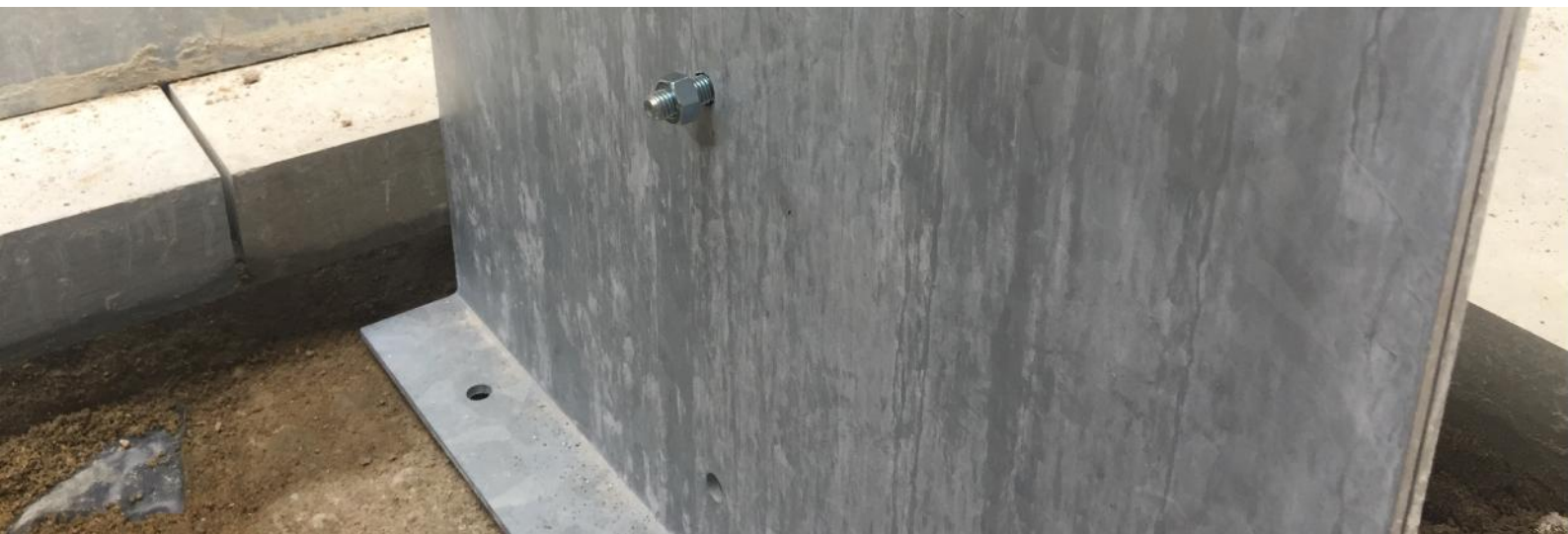
Step 1: Place the Bench below ground level and bolt into concrete

Step 2: Once the bench is positioned and bolted to concrete the second bench can be positioned and bolted to the concrete and to the bench next to it (As shown in image Below)

Step 3: Once all Benches are in position the paving can be laid around the legs of the secured benches

Step 4: The Benches Should be Cleaned and Rinsed with the appropriate chemicals.

Step 5: The above details are to ensure that the true benefits of the Kent Circular bench are properly achieved throughout its lifespan.

**Galvanised Steel Care & Maintenance**

Purchase an alkaline cleaner. These products are non-abrasive combinations of detergents and solvents designed to clean and maintain galvanised steel. With the use of rubber gloves, fill a bucket with a gallon of hot (not scalding) water and add one ounce of the Alkaline Cleaner. Stir well. Dip a soft bristle brush into the cleaning solution. Beginning at one end of the Product, scrub gently, using a circular motion. Go from one end of the product to the other, overlapping the circles repeatedly to make sure you do not miss any spots. Rub the towel over the product to make sure the steel has been cleaned. The towel will remove any excess water or cleaner from your project. After you have used the towel, let it dry.

Cleaning of Galvanised Steel

There are a number of methods of treating different types of stains or marks. It is advised that with any of the cleaning treatment of the galvanizing should be conservative at first and then if the situation demands, the treatment can become steadily more aggressive. It is also important that wherever some form of mechanical abrasion or “scrubbing” is required, a hard plastic bristle brush is recommended to be used. Steel bristle brushes are not recommended to be used as they can cause discolouration.

It is important to note that mechanical methods of cleaning zinc surfaces can cause aesthetic issues. The “cleaned” areas are likely to contrast with adjacent untreated surfaces and may take a significant period of time to weather to a uniform colour. If aesthetics is a large concern, it is advisable to first test the cleaning method in an inconspicuous area in case the aesthetic effect is unappealing.

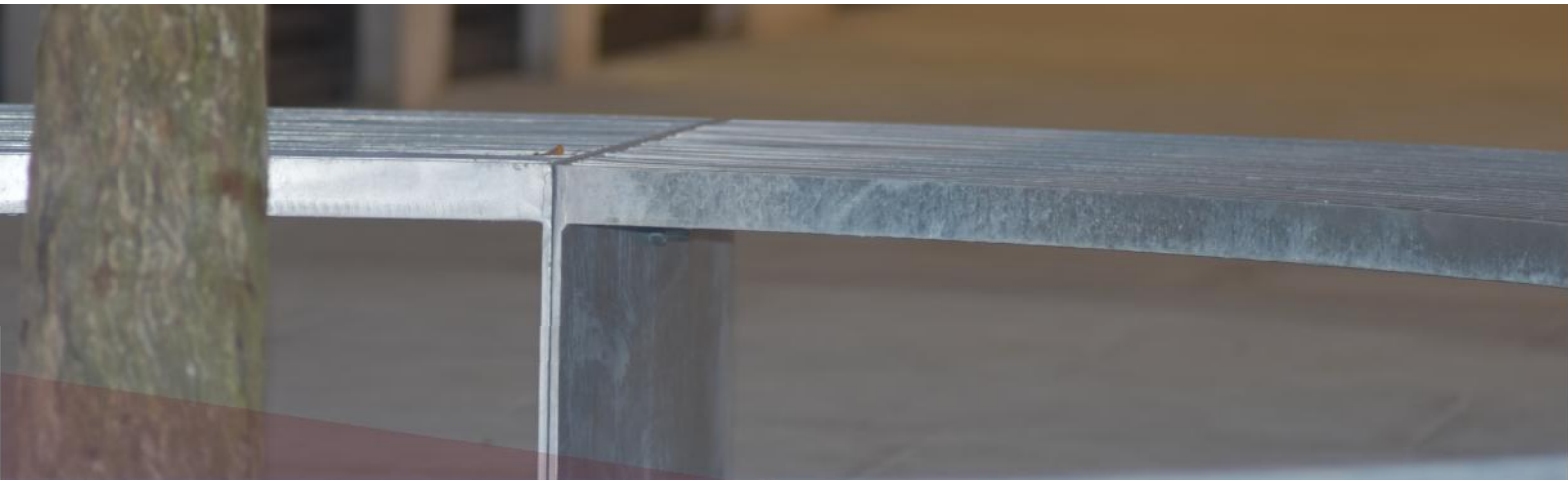
For general cleaning of bulk contaminants such as dirt and the like, ordinary laundry soaps can be satisfactorily used. For more stubborn or larger areas, the use of a low pressure wash (such as a gurney gun), with just pure water or in conjunction with proprietary cleaning materials such as car wash or truck wash, can be effective. The car and truck cleaners are made to minimise corrosion on the metallic parts of vehicles so are generally suitable for use on galvanized steel although it is important that the steel be washed down with freshwater after cleaning.

Many mild stains (such as those from water ponding and water runs or, in public areas, those from beverages such as beer, wine etc) can be removed with the use of common household ammonia cleansers, again being sure to thoroughly rinse the galvanized article with freshwater afterwards.

Often, water draining from other adjacent steelwork that is rusting can flow on to galvanized steel and cause conspicuous brown staining. This can be treated with the use of commercial oxalic acid or a proprietary solution that has been developed for descaling pots and pans. Thorough rinsing with water is again important to remove any corrosive residues of the cleaner.

Sometimes during building or renovations, cement and mortar can be dropped onto the galvanized steel and this can be very difficult to remove once it has hardened. Firstly remove the large parts of the deposit as close to the surface as practicable, then oxalic acid can be used to remove the remaining remnants from the galvanized steel, followed with a thorough rinsing. Other acids are more effective on the mortar or cement, but these can be very aggressive on zinc and are not recommended.

Paints, such as graffiti, can be removed using thinners. If some form of scraping is required, use plastic or wooden scrapers (not steel/metallic items). If the paint is wet or fresh, then normal thinners can be used. Once the paint has hardened, then a non-alkaline stripper can be used. Again, rinsing is important to remove residues that may cause discolouration later and/or encourage corrosion.



KENT CIRCULAR TREE BENCH KCTB-1650

Specify

Decide between
A Circular bench or
an S-Shaped Bench

**Customise your size, or go
with our standard
size**
1650mm x 600mm x 530
mm
(See size chart on **page 2**)

Specify:

Kent Circular Tree Bench KCTB-1650; 1650mm x 600mm x 530mm; Galvanised Mild Steel;
Circular Bench; Cast In.

Choose your fixing
Visible Flange
Buried flange
Cast In

(See Page 6)

Choose your steel:
Grade 304 Stainless steel
Grade 316 Stainless steel
Galvanised Mild Steel

(See **page 5** for more
detail)

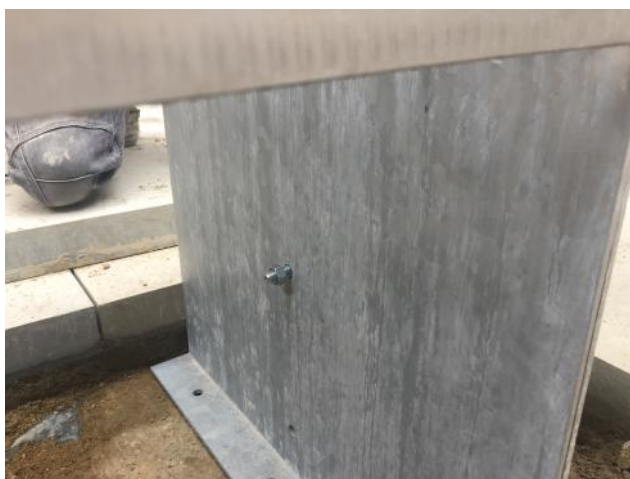
Options

Grade 304L Stainless Steel

Grade 316L Stainless Steel

Mild Steel Galvanised to BS EN ISO
1461 (1999)

Mild Steel Galvanised to 140
Micron minimum for middle East pro-
jects



Installation Options

Visible Flange:

- Ensure that the surface to which the bench is mounted is sufficiently strong.
- Position the bench in the correct location. Mark the holes and drill into the surface.
- Place the bench directly over the holes and then fix the bench to the surface using M12 bolts.

Buried Flange:

- Cast a foundation 300mm with minimum dimensions of L350 x W350 x D350mm below the surface.
- Once concrete is set follow steps 1-3 as per flange detail above.
- Fill hole with grout and replace slabs to finish of bollard

Cast In:

- Remove pavement and excavate a hole to minimum dimensions of L450 x W550 x D350mm.
- Position your bench in the correct position ensuring correct height and then prop the bench securely.
- Fill the hole with concrete up to the level of the underside of the pavement ensuring a good smooth surface finish.
- Remove props, replace the paving slabs, and ensure that they are well bedded in.



Testimonials



“We have no hesitation in recommending Kent Stainless and look forward to working with them on public building projects in the future”

- ARUP



“Kent Stainless scored highly in all regards again”

- BAM



“Your timely delivery and seamless integration with main contractor Skanska made the overall project a huge success”

- Forward Swindon



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