

# Litter Bins

We manufacture three sizes of litter bin: 55 litre, 110 litre, and 220 litre. All have strongly constructed steel frames and are designed to complement our range of seats. The most popular designs are the versions with lids, which reduce the risk of the rubbish being blown out, or

removed by birds. All can now be specified with a galvanised single post mounting, which makes mechanical cleaning around the bin easier, if required. We have also recently added several stainless steel designs to further complement the range.



Litter  
Bins

# Lidded Bins

Each of our lidded bins has a fixed lid, access to the liner being gained via a door which hinges down. An advantage of this design feature is that the liner is less effort to empty; pulling it out of the front is easier than lifting it out of the top. Bottom hinged doors are also



Shrouded tamper resistant operating spindle



Substantial slam latch



Opening arrangement

less prone to hinge damage than side hinged doors. The door pivots on a 12mm diameter solid bar, which is very robust, and far stronger than a conventional hinge. The door is retained by a tamper resistant slam latch, with a shrouded triangular operating spindle, which needs a special key to open it. This latch is very

substantial, has brass internals for rust resistance and has been specially designed and manufactured for our company by the U.K.'s leading industrial locksmith. The key only needs to be used once, for opening the door. After replacing the emptied liner the door is simply slammed shut.

## CARDIFF AND BRECON BINS WITH LIDS

These immensely popular designs outsell any others we manufacture by a considerable margin. They will survive in environments where other designs will not, perhaps because their very appearance seems to discourage attack by vandals. When our competitors' bins have fallen apart, try one of these! They are particularly resistant to damage caused by fire, which seems to be the final fate of most bins. Plates can be attached to the sides of the bin, as shown, if required, for logos or other information. The door now has a handle, which also acts as a bump stop to protect the slats when it is opened.



Cardiff Bin (14C40) with lid, single post mounting for ground anchoring

- Street-Tough finish in dark green 14C40 as standard. Acrylic Coating available. Eleven other standard colour options at no extra cost (see page 80) Also available in any other B.S. or RAL colour for a surcharge

- Supplied with extended legs (for concreting in), as standard. Also available with pedestal base legs (for bolting down)
- Pedestal base option can be bolted down with K1 rawl bolts, or K4 extended rawl bolts
- Single post mounting version available, extended (for concreting in) as standard, or flanged, for ground anchoring (see page 71 - 72)
- Legs 40 x 40 x 2.5mm hollow, single post mounting leg 140 x 5mm circular hollow
- Slats 40 x 40 x 3mm angle
- Approx. capacities. Cardiff 110 litres. Brecon 55 litres.

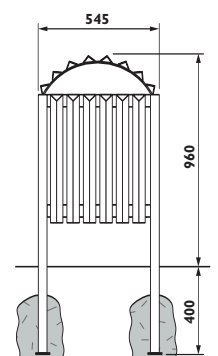
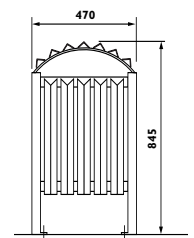
- Galvanised 22 swg sheet steel liner with 6mm wired edge, drain holes and pull-out handle
- Weights approx. Cardiff 65kg. Brecon 46kg.
- For installation recommendations see pages 48 - 49



Cardiff (14C40) and Brecon (20C40) Bins with lids

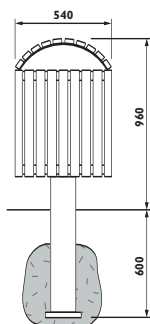


Brecon Bin with lid



## OXFORD BIN WITH LID

Immensely strong and attractive, this bin is available with either a galvanised single post mounting, as shown above, or with all four corner posts extending into the ground. The stainless steel version has a brushed satin finish.



Oxford Bin (RAL 5017) with lid, single post mounting



Oxford Bin with lid in stainless steel

- Street-Tough finish in dark green 14C40 as standard. Acrylic Coating available. Eleven other standard colour options at no extra cost (see page 80) Also available in any other B.S. or RAL colour for a surcharge
- Supplied with single post mounting (for concreting in) as standard. Also available with legs on all four corner posts, pedestal base, (for bolting down), or extended (for concreting in). Ground anchoring version also available, see pages 71 - 72
- Pedestal base option can be bolted down with K1 rawl bolts, or K4 extended rawl bolts

- Legs 40 x 40 x 2.5 hollow, single post mounting leg 140 x 5mm circular hollow
- Slats 50 x 30 x 2mm hollow, and 50 x 25 x 2mm hollow
- Approx. capacity 110 litres
- Galvanised 22 swg sheet liner with 6mm wired edge, drain hole and pull-out handle
- Weight approx. 75kg
- For installation recommendations see pages 48 - 49

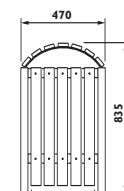
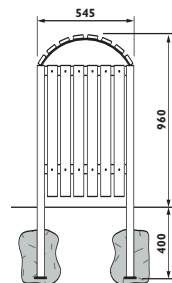
## MILFORD AND NEWTOWN BINS WITH LIDS



Milford and Newtown Bins with lids

These bins have wooden slats riveted to welded steel frames, and are suitable for general park and street use. They are reasonably fire resistant, but the wooden slats on the lid can be damaged in some circumstances.

- Legs 40 x 40 x 2.5mm hollow
- Wooden slats 19 x 57mm finished
- Slats available in iroko or seasoned oak
- See pages 73 - 75 for timber specifications and finishes
- Galvanised 22 swg sheet steel liner with 6mm wired edge, drain holes and pull-out handle
- Approximate capacities Milford 110 litres. Newtown 55 litres.
- Supplied with extended legs (for concreting in), as standard. Also available with pedestal base legs (for bolting down)
- Pedestal base option can be bolted down with K1 rawl bolts, or K4 extended rawl bolts
- Single post mounting version available, extended (for concreting in) as standard, or flanged, for ground anchoring (see pages 71 - 72)
- Frames in either Acrylic Coating or Street-Tough finish in black as standard (see page 77)
- Weights approx. Milford 46kg. Newtown 36kg.
- For installation recommendations see pages 48 - 49



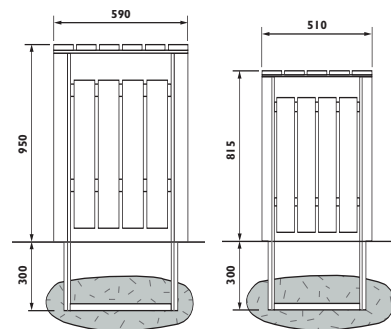
## WOODLAND AND RANGER BINS WITH LIDS



Woodland and Ranger Bins with lids

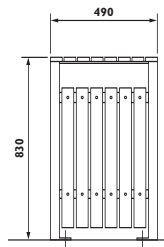
These rustic products are made from sawn green European oak and have a substantial but unobtrusive galvanised steel frame which extends 300mm into the ground, onto which the slats are fixed. The European oak (described on pages 74 - 75), is hard and durable and is partially air or kiln dried to reduce the movement this material is prone to. They are resistant to damage caused by fire, though the wooden slats on the lid can be damaged in some circumstances. They now have an opening handle, which also acts as a bump stop to protect the slats when the door is let down. The slats are only available in oak.

- Side slats Woodland 25 x 95mm approx. finished.  
Ranger 25 x 80mm approx. finished.
- Lid slats 25 x 85mm approx. finished
- Corner posts 57 x 57mm approx. finished
- Supplied with extended legs (for concreting in), as standard, ground anchoring version available (see pages 71 - 72)
- Galvanised 22 swg sheet steel liner with 6mm wired edge, drain holes and pull-out handle
- Approx. capacities Woodland 110 litres, Ranger 55 litres
- Finished in a dark oak coloured spirit based woodstain, see pages 74 - 75
- Weights approx. Woodland 75kg.  
Ranger 60 kg.
- For installation recommendations see illustrations below



## MONTGOMERY BIN WITH LID

These bins are designed to complement our Traditional range of seats, and our cast iron ended products. They have wooden corner posts and additional slats to give an all-wooden appearance, whilst retaining the inherent benefits of a steel framed construction. They are reasonably fire resistant, but the wooden slats on the lid can be damaged in some circumstances.



- Corner posts 45mm square, slats 19 x 57mm finished
- Posts and slats available in iroko or seasoned oak
- See page 73 - 76 for timber specifications and finishes
- Galvanised 22 swg sheet steel liner with 6mm wired edge, drain holes and pull-out handle
- Approx capacity 55 litres
- Supplied with extended legs (for concreting in), as standard. Also available with pedestal base legs (for bolting down)
- Pedestal base option can be bolted down with K1 rawl bolts, or K4 extended rawl bolts
- Frames in either Acrylic Coating or Street-Tough finish in brown 08B29 as standard (see page 77)
- Weight approx 37kg.
- For installation recommendations see page 48 - 49



Montgomery Bin With lid

## FLINT AND RHYL BINS WITH LIDS



Flint and Rhyl Bins with lids



Flint Bin with lid



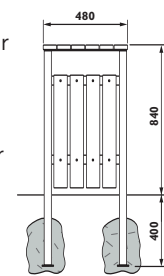
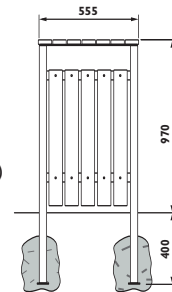
Flint Bin with lid

These bins have polyboard slats riveted to welded steel frames. The polyboards are made from an ecologically sound recycled material described on page 58, which is durable, water resistant, rot free, and requires no maintenance. In certain circumstances, particularly if vandals use an accelerant such as petrol, this material may catch fire and burn, though these bins have galvanised steel shrouds around the top part of the bin, underneath the polyboards, to reduce the risk of them catching fire.

The recent availability of recycled plastic in a range of bright colours makes these bins particularly suitable for play areas

- Legs 40 x 40 x 2.5mm hollow
- Slats 25 x 75mm in brown as standard, 30 x 100mm in black at no additional cost, or 30 x 100mm red, green, blue and yellow slats available at additional cost.
- Galvanised 22 swg sheet steel liner with 6mm wired edge, drain holes and pull-out handle

- Approx. capacities Flint 110 litre, Rhyl 55 litre
- Supplied with extended legs (for concreting in), as standard. Also available with pedestal base legs (for bolting down)
- Pedestal base option can be bolted down with K1 rawl bolts, or K4 extended rawl bolts
- Single post mounting version available, extended (for concreting in) as standard, or flanged, for ground anchoring (see pages 71 - 72)
- Frames finished in either Acrylic Coating or Street-Tough finish in brown 08B29, or black as standard (See page 77)
- Weights approx. Flint 73kg. Rhyl 54kg.
- For installation recommendations see pages 48 - 49



Litter Bins

### Summary of options available for litter bins

	Pedestal Base	Extended Legs	Single Post Mounting	Ground Anchoring	K1	K1T	K4	K4T
Cardiff	•	•	•	•	•	•	•	•
Brecon	•	•	•	•	•	•	•	•
Oxford	•	•	•	•	•	•	•	•
Milford	•	•	•	•	•	•	•	•
Newtown	•	•	•	•	•	•	•	•
Flint	•	•	•	•	•	•	•	•
Rhyl	•	•	•	•	•	•	•	•
Woodland		•		•				
Ranger		•		•				
Montgomery	•	•			•	•	•	•
Ruthin		•	•	•				
Cambridge		•	•	•				
Kent		•						
Forester		•						
Exeter	•	•			•	•	•	•
Southampton	•	•			•	•	•	•
Portsmouth	•	•			•	•	•	•

# Open Top Bins

Open top bins are less expensive than the lidded versions and are ideal for use in covered precincts and shopping malls. They are not easily damaged by fire. In external environments lids reduce the problem of litter being blown out of the bin, or being removed by seagulls etc, so these dysfunctions should

be considered before specifying an open top bin. The liners are lifted out of the top of these bins for emptying, and should be secured at the rim by a padlock to prevent unauthorised removal. We can supply brass padlocks (with a standard key differ), if required.

## CARDIFF AND BRECON BINS



Cardiff (14C40) and Brecon (14C39) Bins

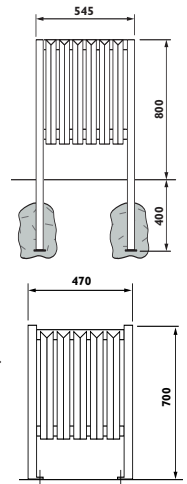


Cardiff (RAL 3001) and Brecon (12B29) Bins, single post mounting

These bins will survive in environments where other designs will not, and are particularly resistant to damage caused by fire.

- Street-Tough finish in dark green 14C40 as standard. Acrylic Coating available. Eleven other standard colour options at no extra cost (see page 80) Also available in any other B.S. or RAL colour for a surcharge
- Supplied with extended legs (for concreting in), as standard. Also available with pedestal base legs (for bolting down)
- Pedestal base option can be bolted down with K1 rawl bolts, or K4 extended rawl bolts
- Single post mounting version available, extended (for concreting in) as standard, or flanged, for ground anchoring

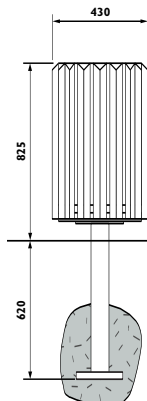
- (see page 71 - 72)
- Legs 40 x 40 x 2.5mm hollow, single post mounting leg 140 x 5mm circular hollow
- Slats 40 x 40 x 3mm angle
- Approx. capacities. Cardiff 110 litres. Brecon 55 litres.
- Galvanised 22 swg sheet steel liner with 6mm wired edge, drain holes and lift-out handles
- Weights approx. Cardiff 54kg. Brecon 43kg.
- For installation recommendations see pages 48 - 49



## RUTHIN BIN

This popular design is fully welded and is highly resistant to fire, and attack by vandals. It has a capacity of 55 litres, and has a single circular hollow leg.

- Street-Tough finish in dark green 14C40 as standard. Acrylic Coating available. Eleven other standard colour options at no extra cost (see page 80) Also available in any other B.S. or RAL colour for a surcharge
- Supplied with single post mounting (for concreting in), as standard. Also available with flanged leg for ground anchoring (see pages 71 - 72)
- Slats 40 x 40 x 3mm angle
- Leg 76 x 3mm circular hollow
- Lockable galvanised 22 swg sheet steel liner with drain holes and lift-out handles



Ruthin Bin (14C40)

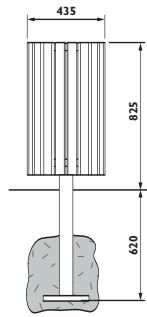


Ruthin Bin (RAL 3001)

- Weight approx. 39kg.
- For installation recommendations see pages 48 - 49

## CAMBRIDGE BIN

Similar to the Ruthin, but with box section slats, this bin has a smoother profile. It is highly resistant to fire, and to attack by vandals. It has a capacity of 55 litres, and has a single circular hollow leg. The stainless steel version has a brushed satin finish.



Cambridge Bin (RAL 5017)



Cambridge Bin in stainless steel

- Street-Tough finish in dark green 14C40 as standard. Acrylic Coating available. Eleven other standard colour options at no extra cost (see page 80) Also available in any other B.S. or RAL colour for a surcharge
- Supplied with single post mounting (for concreting in), as standard. Also available with flanged leg for ground anchoring (see pages 71 - 72)
- Slats 30 x 50 x 2mm hollow
- Leg 76 x 3mm circular hollow
- Lockable galvanised 22 swg sheet steel liner with drain holes and lift-out handles

- Weight approx. 50kg.
- For installation recommendations see pages 48 - 49

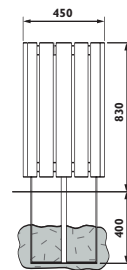
## KENT LITTER BIN

This very cost effective bin from our Budget Range has twelve semi-circular machine rounded timber slats. The liner is lifted out for emptying, and can be padlocked in place to prevent unauthorised removal.

- Slats supplied in 85mm diameter half round kiln dried treated softwood
- Boards finished in a light oak coloured spirit based woodstain, see pages 74 - 75
- Supplied with extended legs (for concreting

in), as standard

- Lockable galvanised 22 swg sheet steel liner with drain holes and lift-out handles
- Galvanised frame
- Approx. capacity 55 litres, weight approx 27kg.
- For installation recommendations see adjacent illustration



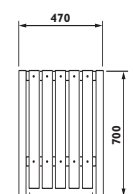
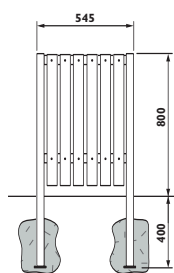
Kent Bin

Litter  
Bins

## MILFORD AND NEWTOWN BINS

These bins have wooden slats riveted to welded steel frames, and are suitable for general park and street use. They are resistant to damage by fire.

- Legs 40 x 40 x 2.5mm hollow
- Wooden slats 19 x 57mm finished
- Slats available in iroko or seasoned oak
- See pages 73 - 75 for timber specifications and finishes
- Galvanised 22 swg sheet steel liner with 6mm wired edge, drain holes and lift-out handles
- Approximate capacities Milford 110 litres. Newtown 55 litres.
- Supplied with extended legs (for concreting in), as standard. Also available with pedestal base legs (for bolting down)
- Pedestal base option can be bolted down with K1 rawl bolts, or K4 extended rawl bolts
- Single post mounting version available, extended (for concreting in) as standard, or flanged, for ground anchoring



Milford and Newtown Bins

- (see pages 71 - 72)
- Frames in either Acrylic Coating or Street-Tough finish in black as standard (see page 77)
- Weights approx. Milford 40kg. Newtown 30kg.
- For installation recommendations see pages 48 - 49

## MONTGOMERY BIN



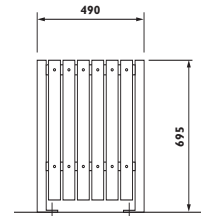
Montgomery Bin

These bins are designed to complement our Traditional range of seats, and our

cast iron ended products. They have wooden corner posts and additional slats to give an all-wooden appearance, whilst retaining the inherent benefits of a steel framed construction. They are resistant to damage caused by fire.

- Corner posts 45mm square, slats 19 x 57mm finished
- Posts and slats available in iroko or seasoned oak
- See pages 73 - 75 for timber specifications and finishes
- Galvanised 22 swg sheet steel liner with 6mm wired edge, drain holes and lift-out handles
- Approx capacity 55 litres

- Supplied with extended legs (for concreting in), as standard. Also available with pedestal base legs (for bolting down)



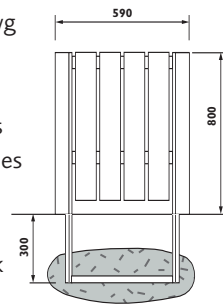
- Pedestal base option can be bolted down with K1 rawl bolts, or K4 extended rawl bolts
- Frames in either Acrylic Coating or Street-Tough finish in brown 08B29 as standard (see page 77)
- Weight approx 30kg.
- For installation recommendations see pages 48 - 49

## WOODLAND BIN

These rustic products are made from sawn green European oak (described on pages 74 - 75), which is hard and durable and is partially air or kiln dried to reduce the movement this material is prone to. They are resistant to damage caused by fire. The slats are only available in oak.

- Slats 25 x 95mm approx. finished
- Corner posts 57 x 57mm approx. finished
- Supplied with extended legs (for concreting in), as standard, ground anchoring version available (see pages 71 - 72)

- Galvanised 22 swg sheet steel liner with 6mm wired edge, drain holes and lift-out handles
- Approx. capacity 110 litres
- Finished in a dark oak coloured spirit based woodstain, see page 75
- Weight approx. 60kg.
- For installation recommendations see pages 48 - 49



Woodland Bin

## FLINT AND RHYL BINS



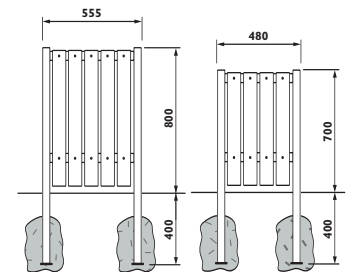
Flint and Rhyl Bins

These polyboards on these bins are made from ecologically sound recycled plastic described on page 58, which is durable, water resistant, rot free, and requires no maintenance. In certain circumstances, particularly if vandals use an accelerant such as petrol, this material may catch fire and burn.

- Legs 40 x 40 x 2.5mm hollow
- Slats 25 x 75mm in brown as standard, 30 x 100mm in black at no additional cost, or 30 x 100mm red, green, blue and yellow slats available at additional cost.
- Galvanised 22 swg sheet steel liner with 6mm wired edge, drain holes and lift-out handles



Flint Bin



- Approx. capacities Flint 110 litre, Rhyl 55 litre

- Supplied with extended legs (for concreting in), as standard. Also available with pedestal base legs (for bolting down)
- Pedestal base option can be bolted down with K1 rawl bolts, or K4 extended rawl bolts
- Single post mounting version available, extended (for concreting in) as standard, or flanged, for ground anchoring (see pages 71 - 72)
- Frames finished in either Acrylic Coating or Street-Tough finish in brown 08B29, or black as standard (See page 77)
- Weights approx. Flint 53kg. Rhyl 38kg.
- For installation recommendations see pages 48 - 49



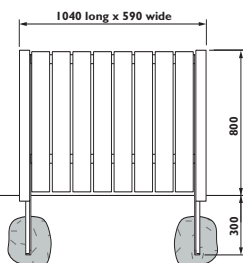
# Extra large bins

Primarily designed to accommodate floral tributes in cemeteries and crematoria, these open top bins have a capacity of 220 litres. They are also useful in high throughput locations, where a large capacity is required. Timber slatted versions with steel

corner posts can be manufactured to match the Milford bin. They can all be supplied with either one 220 litre liner, or two 110 litre liners. Because of the size of the 220 litre liner, two operatives are normally required to empty it.

## FORESTER BIN

These rustic products are made from sawn green European oak (described on pages 74 - 75), which is hard and durable and is partially air or kiln dried to reduce the movement this material is prone to. They are resistant to damage caused by fire. The slats are only available in oak.



- Slats 25 x 95mm approx. finished
- Corner posts 57 x 57mm approx. finished
- Supplied with extended legs (for concreting in), as standard
- Galvanised 22 swg sheet steel liner with 6mm wired edge, drain holes and lift-out handles
- Approx. capacity 220 litres



- Finished in a dark oak coloured spirit based woodstain, see page 75
- Weights approx. 90kg.
- For installation recommendations see adjacent illustration

## EXETER BIN

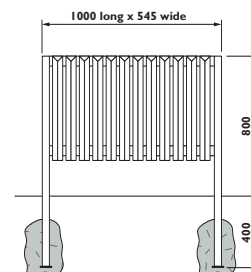


These bins are particularly resistant to damage caused by fire.

- Street-Tough finish in dark green 14C40 as standard. Acrylic Coating available. Eleven other standard colour options at no

extra cost (see page 77) Also available in any other B.S. or RAL colour for a surcharge

- Supplied with extended legs (for concreting in), as standard. Also available with pedestal base legs (for bolting down)
- Pedestal base option can be bolted down with K1 rawl bolts, or K4 extended rawl bolts
- Legs 40 x 40 x 2.5mm hollow
- Slats 40 x 40 x 3mm angle
- Approx. capacity 220 litres
- Galvanised 22 swg sheet steel liner with 6mm wired edge, drain holes and lift-out handles
- Weight approx. 81kg.
- For installation recommendations see pages 48 - 49



Litter Bins

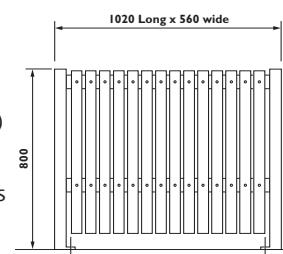
## SOUTHAMPTON BIN



These bins have wooden corner posts and additional slats to give an all-wooden appearance, whilst retaining the inherent benefits of a steel framed construction.

- Corner posts 45mm square, slats 19 x 57mm finished
- Posts and slats available in iroko or seasoned oak

- See pages 73 - 75 for timber specifications and finishes
- Galvanised 22 swg sheet steel liner with 6mm wired edge, drain holes and lift-out handles
- Approx capacity 220 litres
- Supplied with extended legs (for concreting in), as standard. Also available with pedestal base legs (for bolting down)
- Pedestal base option can be bolted down with K1 rawl bolts, or K4 extended rawl bolts
- Frames in either Acrylic Coating or Street-Tough finish in brown 08B29 as standard (see page 77)
- Weight approx 55kg.
- For installation recommendations see pages 48 - 49



## PORTSMOUTH BIN

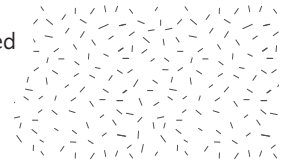


The polyboards on these bins are made from ecologically sound recycled plastic described on page 58, which is durable, water resistant, rot free, and requires no maintenance. In certain circumstances, particularly if vandals use an accelerant such as petrol, this material may catch fire and burn.

- Legs 40 x 40 x 2.5mm hollow
- Slats 25 x 75mm in brown, or 30 x 100mm in black as standard. 30 x 100mm red, green, blue and yellow slats available at additional cost.
- Galvanised 22 swg sheet steel liner with 6mm wired edge, drain holes and lift-out handles
- Approx. capacity 220 litres

- Supplied with extended legs (for concreting in), as standard. Also available with pedestal base legs (for bolting down)

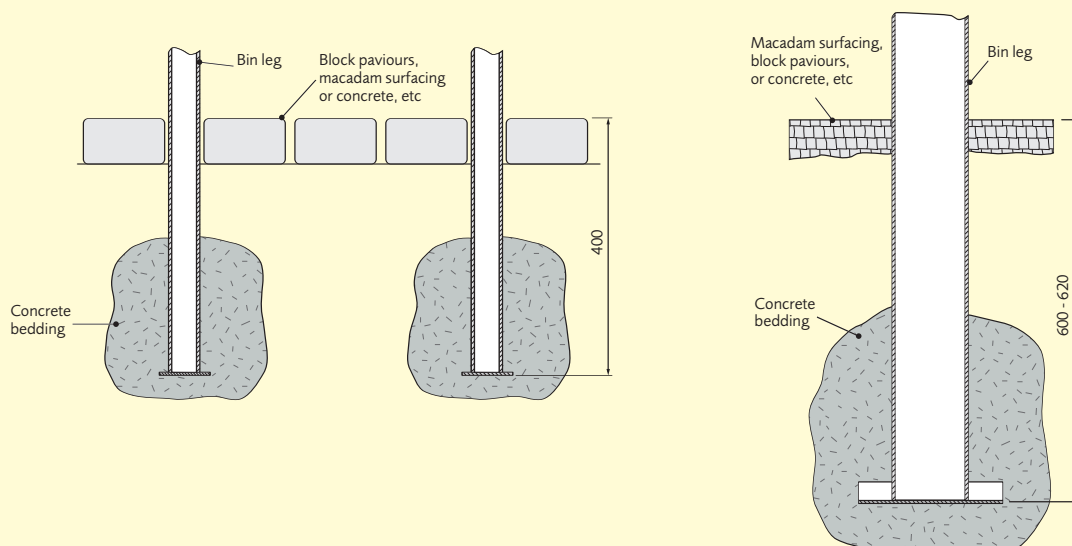
- Pedestal base option can be bolted down with K1 rawl bolts, or K4 extended rawl bolts
- Frames finished in either Acrylic Coating or Street-Tough finish in brown 08B29, or black as standard (See page 77)
- Weight approx. 80kg.
- For installation recommendations see below



## Installation Recommendations

### 1. Extended legs, or single post mounting, for concreting in

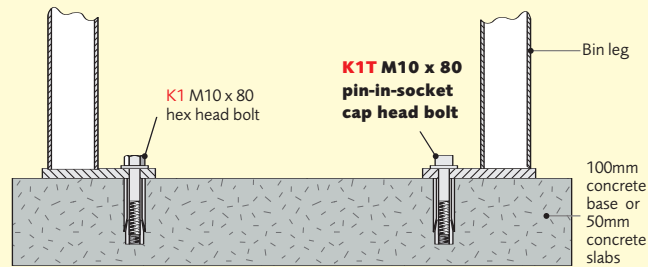
As standard, all litter bins are supplied with extended legs, or an extended single post mounting to concrete them into the ground. This method suits grassed areas, small block pavements and areas which will have a final surface of bituminous macadam. It is a very secure method of fixing, but involves excavating the ground. The bin is accurately positioned into holes (300 - 620mm deep, depending on model) which are filled with concrete bedding. This can be laid to the final ground level to form a concrete pad around the bin. If stopped short to allow for other ground finishes, the pavements or macadam are laid around the leg or legs of the bin after the concrete bedding has set.



## 2. Rawl bolts (K1 or K1T)

Pedestal base bins can be rawl bolted to an existing surface of sound concrete, or well laid traditional size concrete or stone slabs, using these M10 rawl bolts. This method is not normally suitable for installing bins onto small block pavements. The bolts in these options are stainless steel.

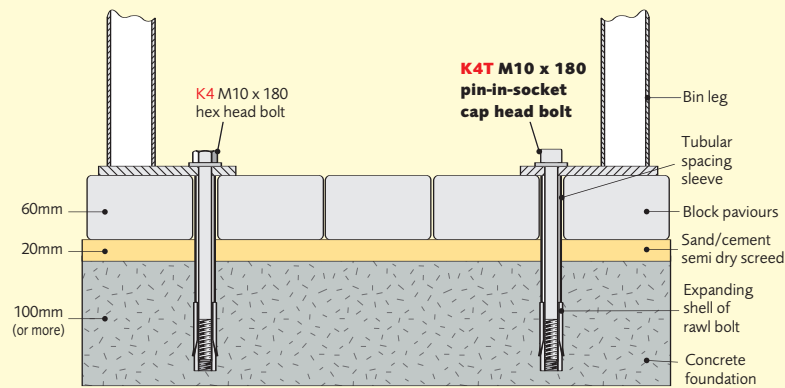
- **K1** have hex head bolts
- **K1T** have tamper resistant pin-in-socket cap head bolts to reduce the risk of unauthorized removal



## 3. Extended rawl bolts and spacers (K4 or K4T)

For the installation of pedestal base bins onto small block pavements, typically 60mm thick, we recommend either the K4 or K4T M10 x 180 extended rawl bolts, with semi collapsible spacing tubes. The spacing tubes hold the rawl bolt shell in the concrete (which must be laid beneath the pavements) whilst the bolt is being tightened. It is recommended that the pavements in the area of the bin are bedded on top of the concrete using a semi dry sand cement screed about 20mm thick. These kits are also suitable for fixing bins onto surfaces of bituminous macadam, laid on top of concrete. The bolts in these options are stainless steel.

- **K4** have hex head bolts
- **K4T** have tamper resistant pin-in-socket cap head bolts to reduce the risk of unauthorized removal



Litter  
Bins

## 4. Ground anchoring frames

For the installation of bins onto existing suitably firm grassed areas and bituminous macadam surfaces, ground anchors can be used. The bins have a flanged single post mounting which bolts to the AB3 bin anchor (after it has been installed), with tamper resistant shear nuts. This will only work for macadam surfaces laid onto earth or hardcore, as opposed to concrete. This cost effective installation method is fully described and illustrated on pages 71 - 72

