Kent
STAINLESS

Kent
Anti Terrorist
Frankfurt Bin

Kent Anti Terrorist Frankfurt Bin KP68FB-1300

Description:

The Kent Anti Terrorist PAS 68 Frankfurt Bin is designed to prevent terrorist attacks. The bin is manufactured from 316L Stainless Steel with a bright satin finish as standard. The Kent Anti Terrorist Frankfurt Bin is best suited for use in embassies, airports, military bases, retail parks, shop fronts, police stations and government buildings.

The KP68FB-1300 is cast 400mm below ground and this design makes it capable to with-stand a 7500kg Truck at 48 km/h (30mph).

Features:

- Stops a 7500kg Truck at 48 km/h (30mph)
- Fully complies with BSI PAS68:2007
- Shallow Depth
- Grade 316L Stainless
- Removable Core Bollard

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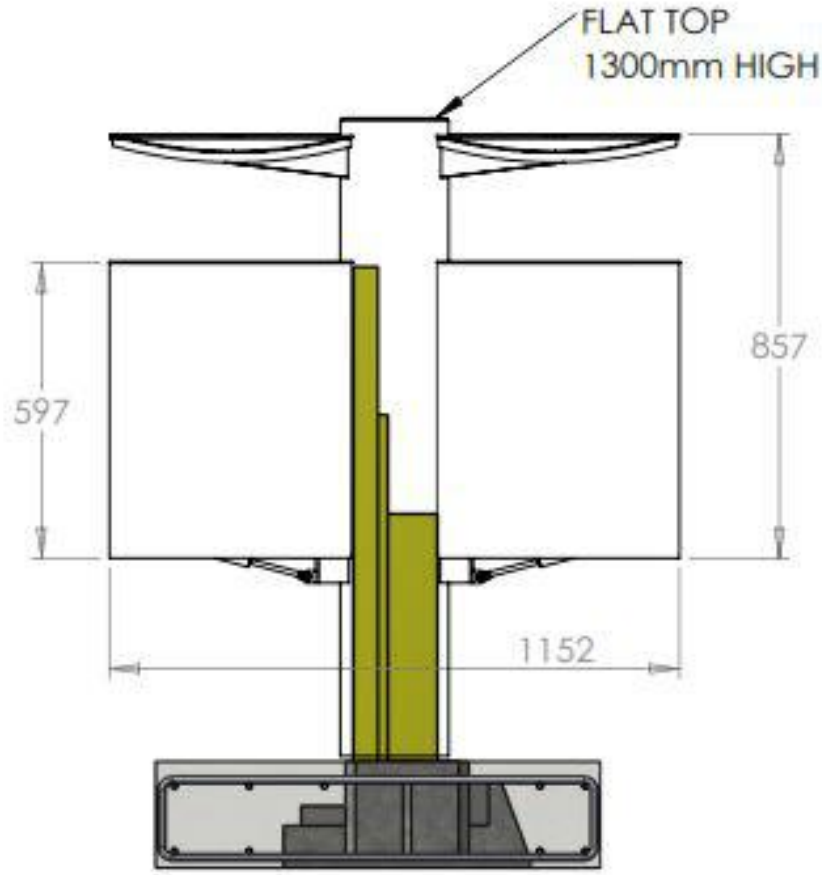

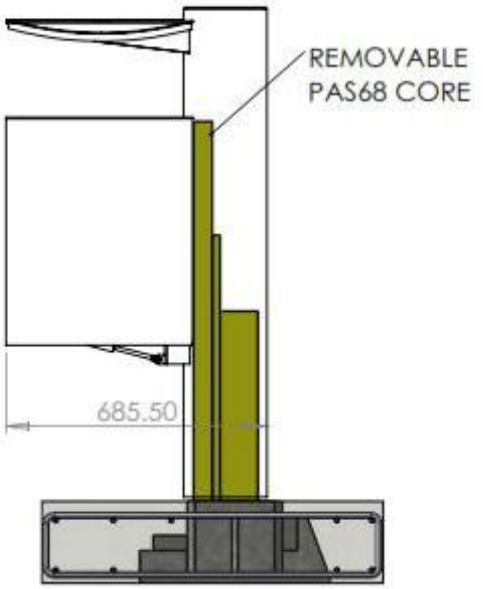

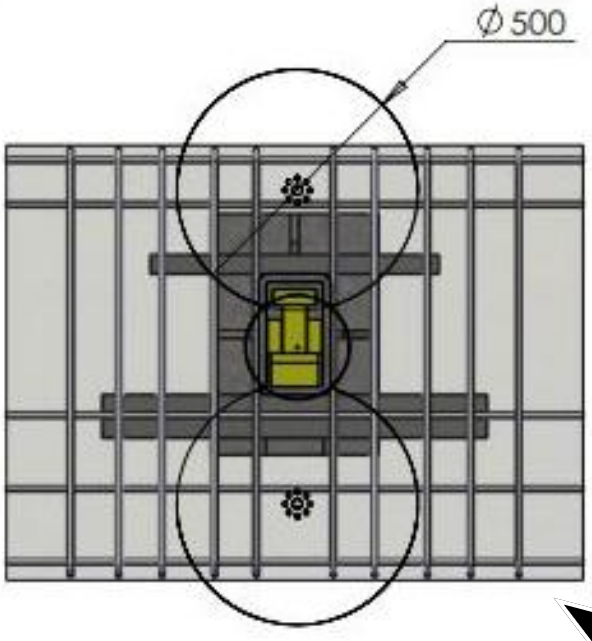

Product Dimensions:

Reference	Height	Diameter	Width
Kent Anti Terrorist PAS68 Frankfurt Litter Bin KP68FB-1300	1300mm	300mm	685mm

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Stainless Steel Maintenance

Clean the stainless steel components using warm water with a mild detergent with a non abrasive cloth or sponge. Heavier stains may require the use of a nylon scouring pad or a stainless steel cleaner. To remove paint or graffiti (or light concrete splashes) use a cloth and alkaline or solvent paint strippers according to type of paint. For Satin Finish Stainless try to follow the direction of the grain when cleaning vigorously or polishing. For Bead Blasted Finish use a circular motion. Rust spots or 'tea stains' can occur on the surface of the material, these are normally caused by contamination from ordinary mild steel, particularly in areas where construction work has been undertaken. Where contamination of the stainless has occurred from ordinary mild steel coming into contact with the stainless, use Rust Remover 410. In cases where the surface is severely stained as a result of severe environmental conditions or scratched due to misuse, it may still be possible to restore the original finish using chemicals such as Oxalic Acid solution. There are many stainless steel polishes available to enhance the surface finish. We recommend Mister Stainless Ltd. as a provider for stainless steel cleaning products

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Specify:
Kent Anti Terrorist PAS68 Frankfurt Bin KP68FB-1300;
1300mm Above Ground Height; Grade 316L Stainless Steel; Bright Satin Finish; Cast in 212mm Below Ground; PAS68:2007 Rated; 1200mm length, 900mm width 216mm height footing.
Used in EMBASSIES • PRISONS • AIRPORTS • MILITARY

Features
- Stops a 7500kg Truck at 48 km/h (30mph)
- Fully complies with BSI PAS68:2007
- Shallow Depth – Only 400mm below ground
- Removable Core Bollard

The Planter can be manufactured from :
- Grade 316L Stainless Steel
- Grade 304L Stainless Steel
- Galvanised Steel

Finishes Available
- Electropolished
- Passivated
- Satin Finished 320 Grit Polished
- Bright Satin Finish
- Bright Peened Finish
- Shot Peened
- Powdercoated

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Installation

Visible Flange:

- Ensure that the surface to which the bollard is mounted is sufficiently strong.
- Position the product in the correct location. Mark the holes and drill into the surface.
- Place the bollard directly over the holes and then fix the bollard to the surface using M12 bolts.
- Note that fixings need to be fully embedded in concrete not just the paver blocks.
- Always consult with the engineers specifications—we recommend a minimum of 2 times the root length.

Buried Flange:

- Cast foundations—always consult with engineers specifications—we recommend a minimum of 2 times the buried root length (300mm x 2 = 600mm) and times the bollard diameter (eg 3 x 101mm = 303mm).
- Once concrete is set follow steps 1-3 as per flange detail above.
- Replace slabs to finish off bollard.

Cast In:

- Cast foundations—always consult with engineers specifications — we recommend a minimum of 2 times the buried root length (300mm x 2 = 600mm) and 3 times the bollard diameter (101mm x 3 = 303mm).
- Position your bollard in the correct position ensuring correct height and then prop the stand 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.

Removable Hidden Lock Socket and Removable Flip Lid Socket

- Remove pavement in the location the bollard will be placed. Excavate a hole of minimum 400mm LxWxD.
- Place socket of bollard into the hole ensuring the top surface of the socket meets the top surface of the pavement.
- Fill the hole with concrete leaving sufficient space for pavement.
- When set finish off pavement around socket and place bollard into the socket.

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PAS 68

PAS 68 is the latest Publicly Available Specification for vehicle security barriers. It has become the national standard and the security industry's benchmark for Hostile Vehicle Mitigation equipment, and is the specification against which perimeter security equipment is tested as part of the ongoing research to prevent Vehicle Born Improvised Explosive Device attacks. The PAS 69 complements this specification by providing guidance on the product installation.

PAS 68: *specifies* a classification system for the performance of vehicle security barriers, subjected to a single horizontal impact. It also *identifies* impact test tolerances and vehicle performance criteria which need to be met in order for a product to conform and be granted a classification.

The PAS68 specification defines the vehicle type, test mass and impact speed together with the required measurements, vehicle and test item details that should be recorded and reported. Post impact, and if the test is successful -the VSB stopped and immobilised the test vehicle, then the penetration distance is measured.

The Kent Anti Terrorist Frankfurt Bin is supported by the PAS 68 removable bollard core which rests in the centre of the bollard and gives it the extra strength to withstand a potential impact of a car or truck. The KP68FB-1300 Litter Bin is cast 216mm below ground and this design makes it capable to withstand a 7500kg Truck at 48 km/h (30mph).

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