

metroSTOR PBM2

Bin Storage unit for 2no. 770L-1280L
Waste/Recycling Bins



metroSTOR Bin Stores

Refuse bin storage reinvented; metroSTOR products reduce fire risk, increase recycling rates and help eliminate cross contamination while raising the profile of local communities with reduced litter, fly-tipping and anti-social behaviour. The knowledge and experience from over 10,000 metroSTOR installations has created the only dedicated bin enclosure range in the world.

metroSTOR PBM

metroSTOR PBM is available in 5 product versions ensuring there is a bin store that accommodates the specific bin type in use by your organisation. metroSTOR PBMN is designed for 660L units, metroSTOR PBML stores the same 660L bin in an 'end on' format where available site space is restricted, metroSTOR PBMC accommodates the taller Chamberlain 720L and 940L 'chute' bins and metroSTOR PBMT the commonly used Taylor 1100 Continental. Where a variety of bin types are used and footprint is not the primary concern, the standard metroSTOR PBM can take all 4 wheeled bins from 770L – 1280L capacity with a spacer bar fitted internally to keep the bin close to the loading aperture.

metroSTOR PBM can be specified with up to 6 modules in length as a single structure. Height adjustable base plates accommodate ground fixing on sloping sites while bin loading doors available in right or left hand hinged specification enable restricted access requirements to be met.

A wide choice of cladding types are available within the standard frame design from traditional pressure treated softwood slats, recycled HDPE for maximum durability in 3 colours to our coated steel cassette panel system available in 4 colours and with an optional fireboard liner. Specific recycling streams are provided for with a coordinated aperture and signage system either factory assembled or retro fitted to suit changing site requirements.

One of the biggest risks from residential fires involving waste is unsecured bins. Waste materials catch alight easily, burn fiercely and generate large volumes of toxic smoke, with fires able to spread very quickly into adjacent dwellings if adequate precautions are not taken. As a consequence, Fire Prevention bodies such as the FPA and CFPA-E state that bins should not be stored within 6m of a dwelling unless within a structure providing 30 minutes fire resistance. They should also be secured in place to prevent an arsonist from moving them closer to the building. metroSTOR PBM provides the safe solution for these critical challenges and can be specified with cladding providing 30 minute fire-resistance to resolve those situations where a 6m clearance cannot be achieved.



Fire Safety

Fire Retardant cladding options for BS EN 13501 / BS476 Compliance where 6m building clearance cannot be achieved.



Increased Recycling

Compact, low profile and easy to use communal recycling facilities for dense urban environments.



Waste Stream Contamination Avoidance

Highly durable, easy to use bin loading apertures and signage for all types of waste and recycling streams.



Reduced Side Waste & Fly Tipping

Bins are stored secure in the metroSTOR unit with lid open to ease loading and a bulky waste specification is available.



Accessible Bin Store Facilities

Aperture heights have been carefully designed to provide for the needs of all residents, including wheelchair-users.



Increased Biodiversity

metroSTOR PBM can be specified with WILD[®] Greenroof option creating valuable and enriching pockets of biodiversity.

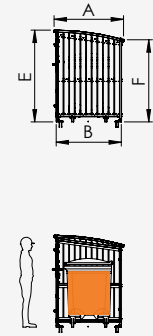
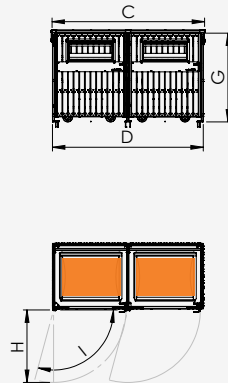


CAD Design Enabled

All metroSTOR PBM unit variations are available for download as CAD blocks and BIM models.

Product Dimensions

| | |
|---------------------|------------------------|
| (A) Roof Depth: | 1391mm |
| (B) Base Depth: | 1310mm |
| (C) Roof Width: | 3072mm |
| (D) Base Width: | 3019mm |
| (E) Height Front: | 1839mm |
| (F) Height Rear: | 1650mm |
| (G) Door Height: | 1674mm |
| (H) Door Clearance: | 1452mm |
| (I) Door Swing: | 105° |
| Storage: | 2no. 770L - 1280L Bins |




















PLEASE NOTE: Product dimensions given are correct at time of publishing December 2019. All dimensions are in millimetres and capacities in litres and don't form any part of the contract.

Product Features

- Unit Installation** metroSTOR modular units and unique base plinth design enables non-invasive installation on finished surfaces.
- Durable Build** metroSTOR products are UK manufactured in accordance with ISO9001:2008, ISO14001 processes. The all-steel frame is Hot-Dip Galvanised to BS EN 1461.
- Access Control** An integrated lock case within unit door frame enables slam latch and latch deadlock with key management and keypad release options.
- Heavy Duty Components** Fully welded, all steel frame manufacture with exhaustive testing of all components for harsh urban environments.

Cladding Types

| | | | | | | |
|---|--|--|--|--|---|--|
|  <p>ForestPanel™</p> <ul style="list-style-type: none"> FSC European Redwood 100mm PSE Plank <p>ForestPanel™ FR</p> <ul style="list-style-type: none"> Adds Fire Retardant Coating |  <p>ForestPanel™ TG FR</p> <ul style="list-style-type: none"> FSC European Redwood 125mm TGV Plank Fireboard MgO Core Internal Liner |  <p>ForestPanel™ Colour</p> <ul style="list-style-type: none"> FSC European Redwood 100mm PSE Plank Coloured Woodstain System |  <p>ForestPanel™ Cedar</p> <ul style="list-style-type: none"> FSC Western Red Cedar 100mm PSE Plank Natural Finish |  <p>ForestPanel™ Iroko</p> <ul style="list-style-type: none"> FSC Iroko 70mm PSE Plank Oiled Finish |  <p>Tuffplas™ Black</p> <ul style="list-style-type: none"> HDPE 100% Recycled 100mm SE Plank Black Woodgrain Finish |  <p>Tuffplas™ Brown</p> <ul style="list-style-type: none"> HDPE 100% Recycled 100mm SE Plank Brown Woodgrain Finish |
|  <p>Tuffplas™ Grey</p> <ul style="list-style-type: none"> HDPE 100% Recycled 100mm SE Plank Grey Woodgrain Finish |  <p>Tuffplas™ Green</p> <ul style="list-style-type: none"> HDPE 100% Recycled 100mm SE Plank Green Woodgrain Finish |  <p>Firenze™ Freestyle</p> <ul style="list-style-type: none"> Custom Design Perforated Pattern GreenCoat Pural BT Steel |  <p>Firenze™ Design Wrap</p> <ul style="list-style-type: none"> Galvanised Steel Panel SAV Graphic Wrap Finish Custom Design <p>Firenze™ Design Wrap FR</p> <ul style="list-style-type: none"> Adds Fireboard MgO Core Internal Liner |  <p>Firenze™ Black</p> <ul style="list-style-type: none"> SSAB Nordic Night Black GreenCoat Pural BT Steel <p>Firenze™ Black FR</p> <ul style="list-style-type: none"> Adds Fireboard MgO Core Internal Liner |  <p>Firenze™ Brown</p> <ul style="list-style-type: none"> SSAB Walnut Brown GreenCoat Pural BT Steel <p>Firenze™ Brown FR</p> <ul style="list-style-type: none"> Adds Fireboard MgO Core Internal Liner |  <p>Firenze™ Anthracite</p> <ul style="list-style-type: none"> SSAB Anthracite Grey GreenCoat Pural BT Steel <p>Firenze™ Anthracite FR</p> <ul style="list-style-type: none"> Adds Fireboard MgO Core Internal Liner |
|  <p>Firenze™ Green</p> <ul style="list-style-type: none"> SSAB Leaf Green GreenCoat Pural BT Steel <p>Firenze™ Green FR</p> <ul style="list-style-type: none"> Adds Fireboard MgO Core Internal Liner |  <p>Firenze™ Grey</p> <ul style="list-style-type: none"> SSAB Pebble Grey GreenCoat Pural BT Steel <p>Firenze™ Grey FR</p> <ul style="list-style-type: none"> Adds Fireboard MgO Core Internal Liner |  <p>Firenze™ Blue</p> <ul style="list-style-type: none"> SSAB Lake Blue GreenCoat Pural BT Steel <p>Firenze™ Blue FR</p> <ul style="list-style-type: none"> Adds Fireboard MgO Core Internal Liner | | | | |

Fire Safety

CFPA-E guidance states that bins should not be stored within 6m of a dwelling unless within a structure providing 30 minutes fire resistance. ForestPanel™ TG FR and Firenze™ FR cladding options provide 30 minutes fire resistance so can be located within this safety distance, but any apertures breach this protection so should be facing away from the dwelling or replaced with a solid door. ForestPanel™ FR limits the materials reaction to fire but being an open slat design does not provide any resistance to penetration and should not be sited within 6m of a dwelling

Access Control Types



LS40 Slam Lock

- Self-Latching Daybolt
- FB2 Lever Key Release
- No Bolt Lock
- S.Steel Fixed Handle



LSE40 Latch + Eurocylinder Lock

- Self-Latching Daybolt
- Aluminium Handle Release
- Eurocylinder Key-operated Bolt Lock



LST40 Latch + Triangle Key Lock

- Self-Latching Daybolt
- Aluminium Handle Release
- Triangle Key-operated Bolt Lock



LSF40 Latch + FB2 Key Lock

- Self-Latching Daybolt
- Aluminium Handle Release
- FB2 Lever Key-operated Self-Latching Bolt Lock



LSC40 Latch + Code Secure Lock

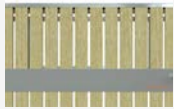
- Self-Latching Daybolt
- Mechanical Code Lock Release
- Aluminium Handle Daybolt Release



LSB40 Slide Bolt + Padlock

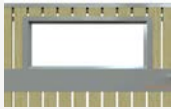
- No Latch
- Integral Slide Bolt / Handle with Padlock Provision
- Galvanised Steel Assembly

Waste & Recycling Type Aperture Options



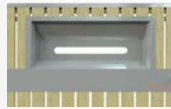
Solid Door - No Aperture

- Warden Controlled / Bulky Waste Applications



General Waste

- Allows Bagged Waste or Recycling



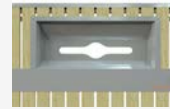
Cardboard Only

- Allows Only Non-Bagged Cardboard



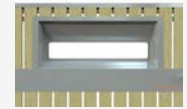
Bottle Only

- Allows Only Non-Bagged Bottles



Mixed Recycling

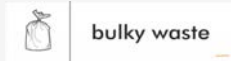
- Allows Only Non-Bagged Recycling



Signage Specified Recycling

- Allows Bagged and Non-Bagged Recycling

Waste & Recycling Stream Signage



Bulky Waste



General Waste



Non-Recyclables



Recycling



Food Waste



Mixed Waste



Paper



Paper & Cardboard



Cardboard



Mixed Paper



Cardboard & Cartons



Plastics



Plastics & Cans



Household Plastic Packaging



Glass



Mixed Glass Bottles & Jars



Plastics & Glass



Food Tins & Drink Cans



Cans, Bottles & Glass



Clinical Waste Only

metroSTOR PBM can be fitted with a range of full colour exterior grade latex prints using eco-friendly solvent-free water based inks with a gloss protective overlamine. To ensure the artwork is not compromised by harsh urban environments the 530mm (W) x 160mm (H) prints are mounted onto 3mm thick aluminium composite panels for increased durability.

Please contact our sales team for further information regarding bespoke sizing and artwork.

Example Bespoke Signage

