MBD

MeterBoxesDirect.co.uk

IP43 KIOSK SINGLE DOOR BY TRICEL

1000x750x300mm FLAT PACK

COMPLIES TO IEC 62208:2011

STOCK CODE: EB0031

TRICEL

CONSTRUCTION

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Suitable for electrical and commercial installations.

Complies with the international standard for empty enclosures as applied to low-voltage switchgear and control gear assemblies (IEC 62208:2011)

DIMENSIONS

- 1000mm high x 750mm wide x 300mm deep.
- The overall height of this box is 1066mm.
- The opening size is 971mm x 678mm*

KEY FEATURES

- Electromagnetic compatibility, ideal for protecting internal electronic communication.
- Suitable for low-voltage switchgear and control gear assemblies, meters, compressors, etc.
- Will not corrode, weather resistant with an IP43 rating.
- High impact resistance up to 20 Kilojoules (IK10).
- Double insulation and electrically non-conductive (1000V).
- Triple lock system supported by non-corrosive vertical bars.
- Door hinges on right, 180° opening.
- Easily cleaned and can be painted.

SPECIFICATIONS

- Constructed from Glass Reinforced Polymer (GRP).
- Supplied with hinges, lock and key.
- Polyester back mounting plate (optional) available.
- Supplied in light grey colour (Ral 7035).
- Suitable for use in temperatures ranging from -30°C to +70°C.
- Made from non-hygroscopic material ensuring minimum water absorption.
- Constructed from halogen-free and self-extinguishing material.
- UV protected.

Example: electrical indirect metering

ASSOCIATED PRODUCTS

Backplate (3005011BACK)

Hockey Stick

TRICEL CONSTRUCTION

* Approximate dimensions.

In accordance with Tricel's normal policy of product development these specifications are subject to change without notice.

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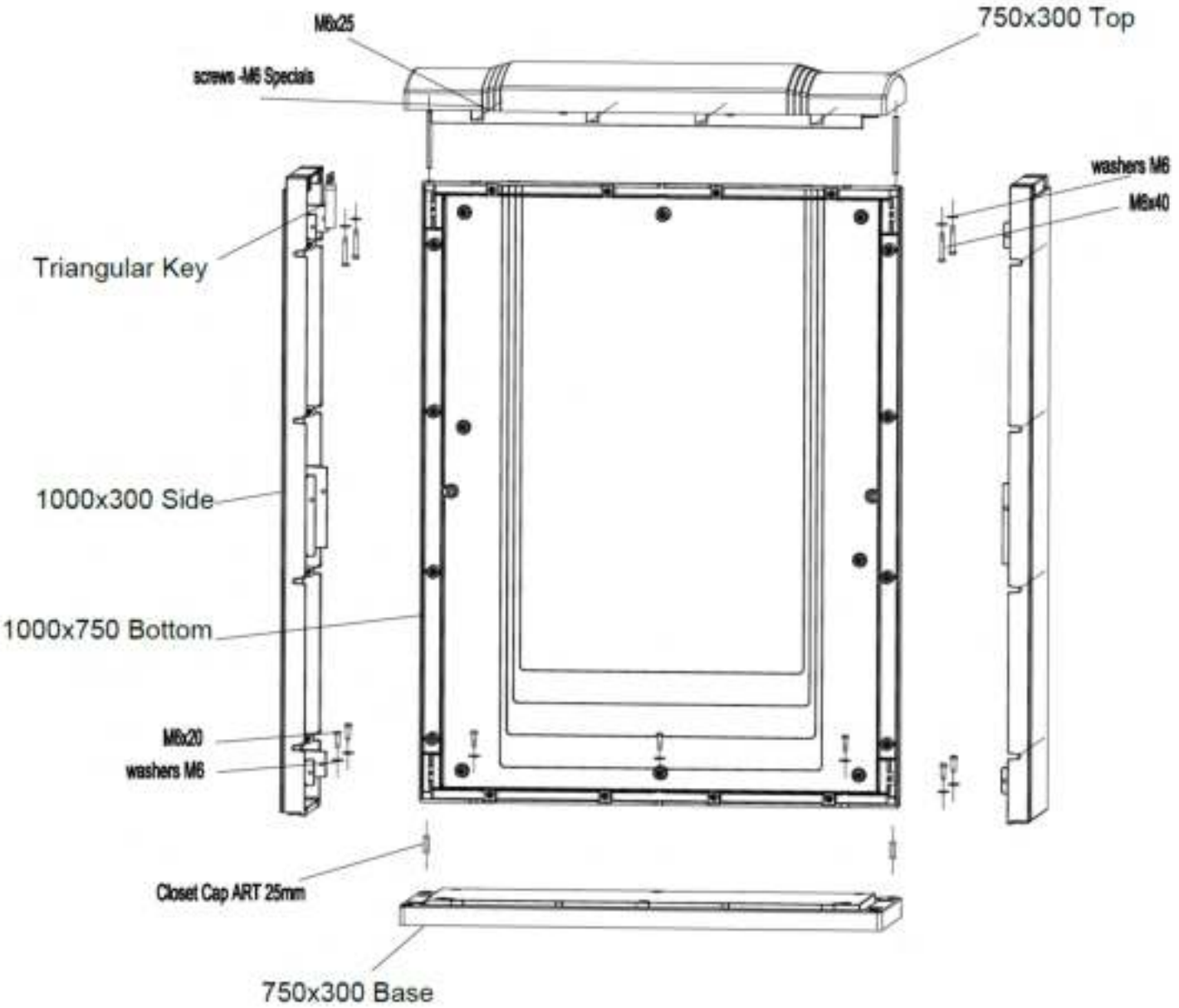
ASSEMBLY INSTRUCTIONS

SEAL AND KIOSK BODY



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SEAL ASSEMBLY INSTRUCTIONS

BOTTOM SEAL

Tools required: Scissor or Knife

Step 1:

- Get the bag labelled **(BO-1-Bottom)**
- Trim seals to required length along front and back sections. Do not cover tabs.
- Remove the adhesive strip and apply slight pressure against the panel surface to ensure the seals adhere.

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SEAL ASSEMBLY INSTRUCTIONS

RIGHT SEAL

Step 2:

Once two side panels are fitted you need two seals on either side panel, a seal for the front and the rear of both panels will be needed.

- Starting with the right panel get the bag labelled **(BO-4-Left&Right)** and use the smaller of the two seals to begin with.
- Measure from the top of the side panel down to the bottom panel and cut seal to length.
- Once the seal is cut, remove the adhesive and apply to the surface keeping the pressure down to ensure the seal sticks.
- Locate larger seal and apply to the rear of the panel as shown.

Front Seal

Rear Seal

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SEAL ASSEMBLY INSTRUCTIONS

LEFT SEAL

Step 2:

- Get the bag labelled **(BO-4-Left&Right)** and measure the length from top to bottom of the panel.
- Remove adhesive strip and press onto the surface ensuring it is even along the surface.

- Next, measure the distance from the end of the seal to the inside of the panel where no seal is evident.
- Cut two small tabs to make the front of the panel fully sealed.

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SEAL ASSEMBLY INSTRUCTIONS

LEFT SEAL

- Finally, add seal to the bottom panel and meet the seal at side panel.
- Attach seal to the final left hand section as shown below.
- Then, apply seal to the final section on the right hand side.

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SEAL ASSEMBLY INSTRUCTIONS

TOP COVER SEAL

Step 3:

- To assemble the kiosk, get the top cover and the bag labelled (BO-3-Back). The seal is pre-cut for assembling.
- Once the metal pins are in place, the seal should begin by going around the pins and following the flow of the panel.
- Once again, remove the adhesive tape and place pressure on the seal to ensure it sits correctly.

Cut at location indicated with arrow above if required

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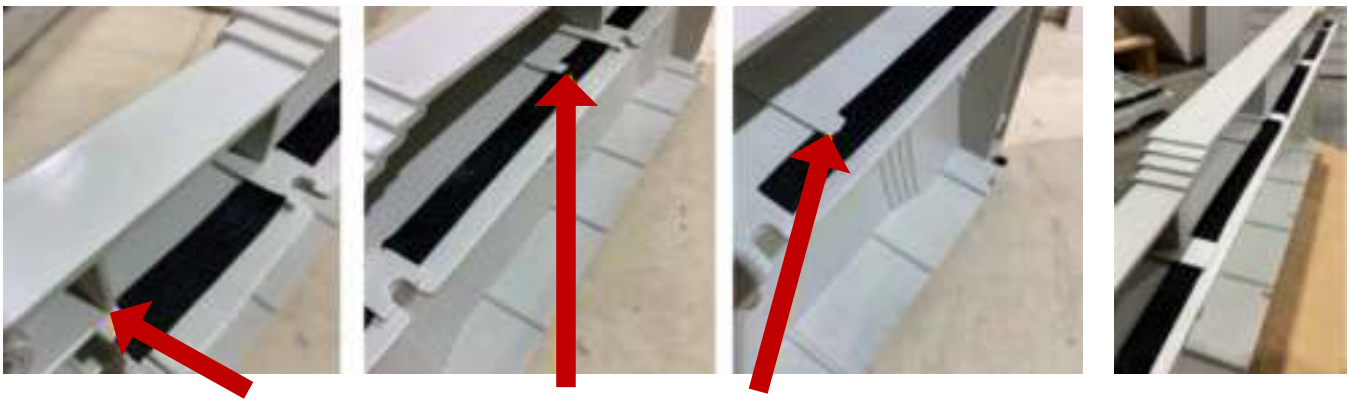
SEAL ASSEMBLY INSTRUCTIONS
TOP COVER SEAL

Step 4:

- When the top panel is fitted get the bag labelled **(BO-2-TOP)** and measure the sections along the top panel.
- Do not cover the tabs as this will be completed at a later step.

Place the seal in line with tab

- Measure and cut the seal as shown in the image above.
- Once the seal is cut, remove the yellow tape and stick it to the surface.
- Ensure the tab isn't covered and that the top of the seal is aligned with the bottom of the tab.
- Cut the shown tabs out from the top cover seal. Cut the shown tabs out from the top cover seal.



Cut out tabs as shown to allow for full sealing. Continue sealing along the front cover of the top cover until all sections are complete.

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SEAL ASSEMBLY INSTRUCTIONS

FINAL SEALING – TOP & BOTTOM PANEL

Step 5:

Bottom Panel

- Get the bag labelled **(BO-1-Bottom)** and measure across until it meets the seal descending from the right-hand side panel.
- Remove the adhesive tape and stick to the tabs and seal already present.

Ensure the tabs are covered

Top Panel

- Like on the bottom panel, get bag labelled (BO-2-TOP) and begin on the left-hand side starting where the seal finished on the side panel.
- Measure along the top panel and cut where the seal meets the right panel.

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KIOSK BODY ASSEMBLY INSTRUCTIONS

1. Assemble the 2 sides first. The pre-drilled holes with inserts are to be kept at the back of the base plate.

2. Insert the screws to attach the sides to the base, do not fully tighten the screws at this stage. Turn kiosk around, the back of the kiosk facing you.
3. Assemble the back plate to the sides, inserting screws, again do not fully tighten at this stage at 4 corners.

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ASSEMBLY INSTRUCTIONS

5. Insert longer dowels at the top of the back plate.

6. Insert the top plate.

7. Insert the 4 screws to attach the top plate to the sides.
8. Fully tighten all of the screws throughout the kiosk.
9. Insert the back plate and tighten screws.

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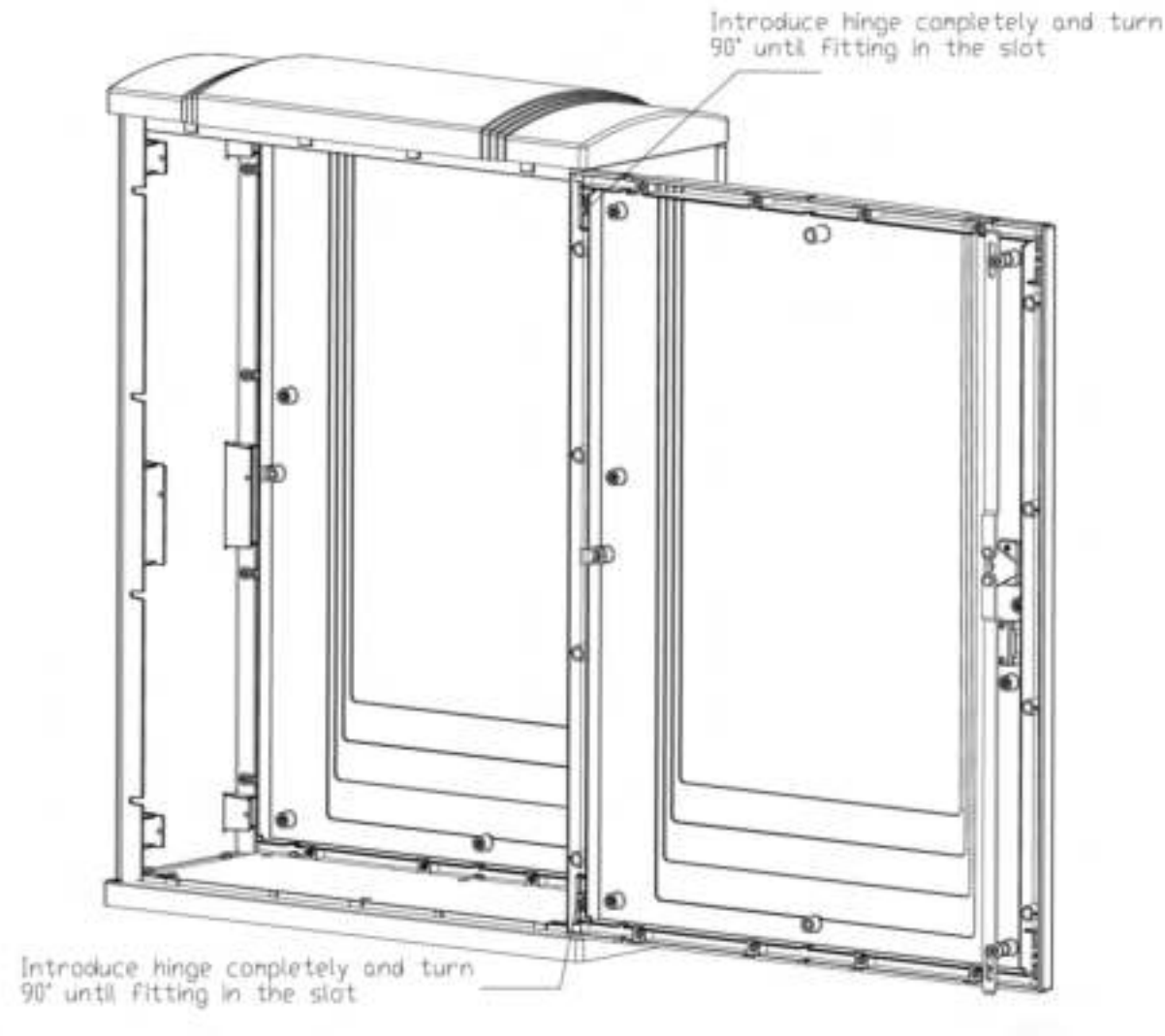
DOOR ASSEMBLY



1. To attach the door, push down the bottom hinges, it will be placed in the groove located at the bottom corner and top corner. Hinges to be turned 90° to lock in place.

2. Push in the brass fitting and slide the lock cover up, turning clockwise with the key and pull out the handle.

3. Close the door as normal pulling down the handle to lock in place.

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