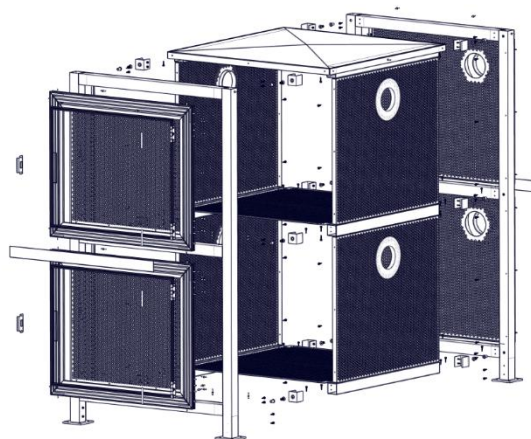
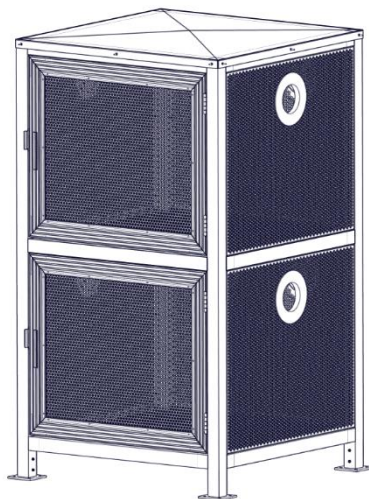
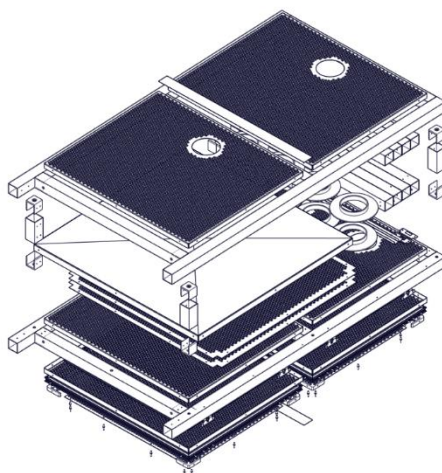
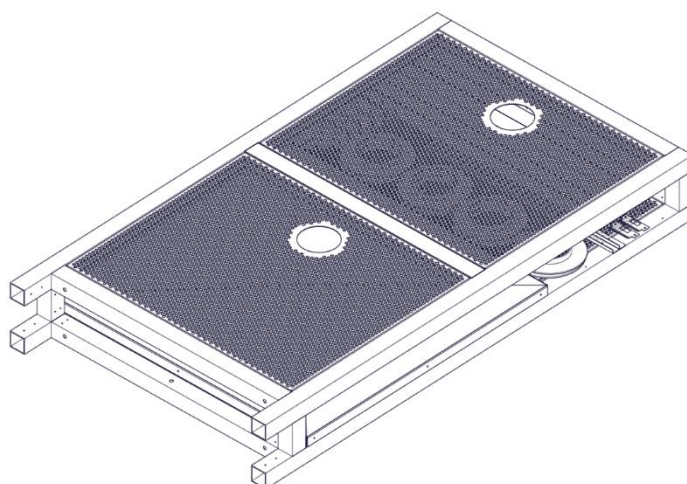


RECYCLE BIN – ASSEMBLY INSTRUCTION MANUAL

Model: Fixed Recycle Bin

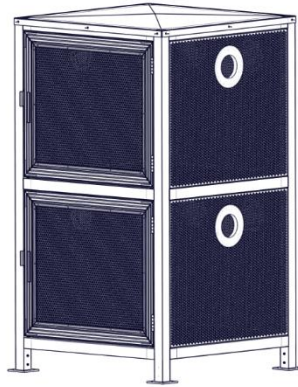




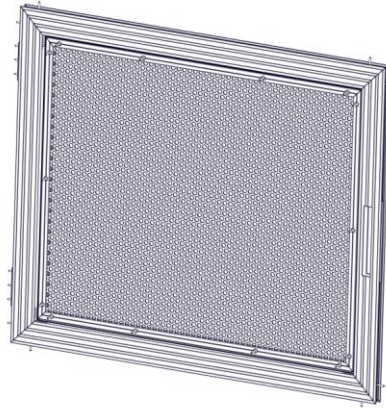
Introduction:

This instruction manual provides a step-by-step guide for assembling the door assembly and the flat pack of recycle bin. The product is designed for easy assembly using a modular extrusion system connected by spigots. All components are referenced using the naming convention and BOM IDs provided in the drawing.

RECYCLE BIN ASSEMBLY INSTRUCTIONS MANUAL



BOM ID	Description	Qty	BOM ID	Description	Qty	BOM ID	Description	Qty
1	12-14 X 20 SELF DRILLING SCREWS	154	12	EXTRUSION HORIZONTAL FRONT MIDDLE	1	23	PANEL BACK	2
2	DOOR STOPPER	2	13	EXTRUSION HORIZONTAL MIDDLE LEFT	1	24	PANEL ROOF	1
3	EXTRUSION HORIZONTAL BACK TOP	1	14	EXTRUSION HORIZONTAL MIDDLE RIGHT	1	25	PANEL SIDE	4
4	EXTRUSION HORIZONTAL BACK BOTTOM	1	15	EXTRUSION HORIZONTAL TOP LEFT	1	26	SHELVES	2
5	EXTRUSION HORIZONTAL BACK MIDDLE	1	16	EXTRUSION HORIZONTAL TOP RIGHT	1	27	SKAGAGE	8
6	EXTRUSION HORIZONTAL BOTTOM LEFT	1	17	EXTRUSION VERTICAL BACK	2	28	SKAGAGE STRIP	4
7	EXTRUSION HORIZONTAL BOTTOM RIGHT	1	18	EXTRUSION VERTICAL LEFT	1	29	SPIGOT	28
8	EXTRUSION HORIZONTAL CENTER BOTTOM	1	19	EXTRUSION VERTICAL RIGHT	1	30	STRIKE	2
9	EXTRUSION HORIZONTAL CENTER MIDDLE	1	20	M4 X 10.5 RIVETS	38	31	DOOR ASSEMBLY	2
10	EXTRUSION HORIZONTAL FRONT TOP	1	21	M8 X 20 FLAT HEAD SCREW	28	32	BASE SUPPORT	4
11	EXTRUSION HORIZONTAL FRONT BOTTOM	1	22	M8 RIVET NUTS	28			



BOM ID	Description	Qty	BOM ID	Description	Qty	BOM ID	Description	Qty
31-1	BRACKET DOOR CORNER STAKE	4	31-5	FILLER DOOR SIDE	2	31-9	HINGE ASSEMBLY	2
31-2	EXTRUSION DOOR HINGE SIDE	1	31-6	FILLER DOOR TOP BOTTOM	2			
31-3	EXTRUSION DOOR LOCK CUTOUT SIDE	1	31-7	M4 X 10.5 RIVETS	28			
31-4	EXTRUSION DOOR TOP BOTTOM	2	31-8	PANEL DOOR SHEET	1			

Tools and Fasteners

The following tools are required for assembly:

- A drill or driver,
- A rivet gun, and
- An appropriate screwdriver or Allen key depending on the fasteners used.

The following fasteners are used throughout the assembly:

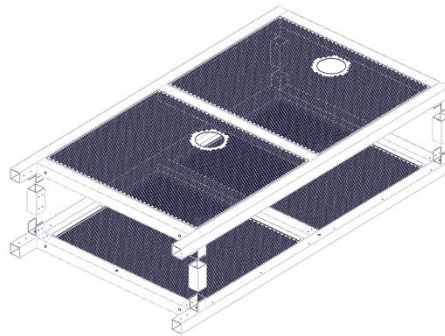
- **12-14 X 20, SELF DRILLING SCREWS (Item 1)** are used to secure extrusion connections and panels.
- **M4 X 10.5, RIVETS (Item 20)** and **M4 X 10.5, RIVETS (Item 31-7)** are used for fixing panels, shelves, door extrusions, hinges and the roof.
- **M8 X 20, CSK FLAT HEAD SCREW (Item 21)** and **M8, RIVET NUTS (Item 22)** are used to secure **SPIGOT (Item 29)** to extrusions.
- **A Thread Lock Liquid** on all **M8 X 20, CSK FLAT HEAD SCREW (Item 21)**, to prevent the loosening or disassembly.

Preparation

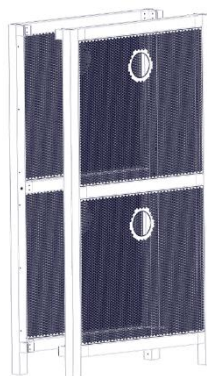
- Place the flat pack on a clean and level surface.
- Carefully remove the packaging and take out all components placed inside the flat pack.
- Identify and separate all parts including **EXTRUSIONS**, **SPIGOT (Item 29)**, **PANEL, BACK (Item 23)**, **SHELVES (Item 26)**, **DOOR ASSEMBLY (Item 32)**, **BASE SUPPORT (Item 32)**, and all hardware.
- Keep all fasteners such as **12-14 X 20, SELF DRILLING SCREWS (Item 1)**, **M4 X 10.5, RIVETS (Item 20)**, **M8, RIVET NUTS (Item 22)**, and **M8 X 20, CSK FLAT HEAD SCREW (Item 21)** easily accessible.

Opening the Flat Pack Structure

- Place the flat pack assembly such that the two frames can be separated.
- Remove the **12-14 X 20, SELF DRILLING SCREWS (Item 1)** securing the right frame to the temporary pillars.
- Carefully separate the right frame from the left frame and remove the temporary pillars.



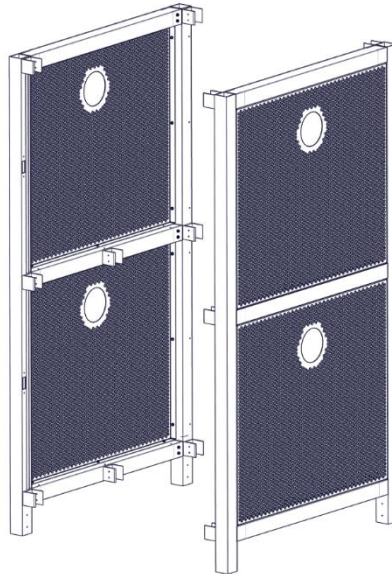
- Retain the left and right frames in an upright position for further assembly.



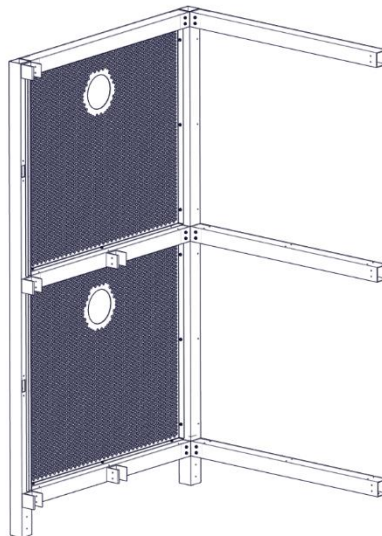
Assembly of Main Frame

- Position the left frame upright and keep the right frame aside for later installation.

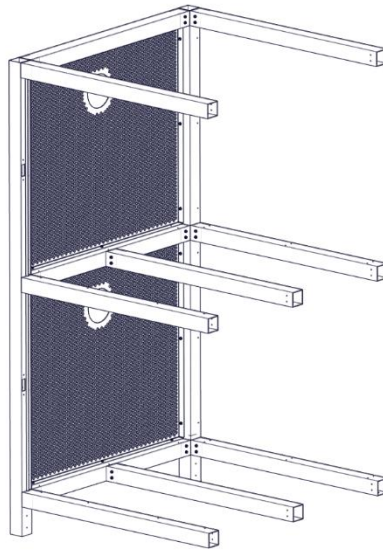
- Ensure all required **SPIGOT (Item 29)** are installed on the left frame vertical extrusions at the top, middle, and bottom positions, including locations required for centre supports, using **M8, RIVET NUTS (Item 22)** and **M8 X 20, CSK FLAT HEAD SCREW (Item 21)**.



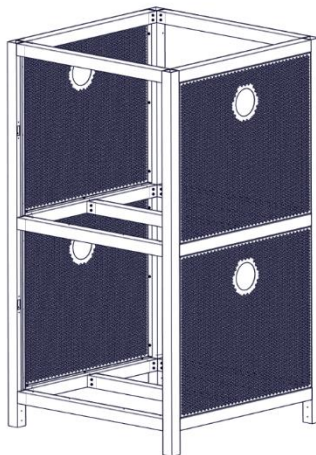
- Take **EXTRUSION, HORIZONTAL, BACK, TOP (Item 3)**, **EXTRUSION, HORIZONTAL, BACK, MIDDLE (Item 3)**, and **EXTRUSION, HORIZONTAL, BACK, BOTTOM (Item 4)** and insert them onto the corresponding spigots on the left frame. Ensure each extrusion is fully seated and properly aligned.



- Now take **EXTRUSION, HORIZONTAL, CENTER, MIDDLE (Item 9)** and **EXTRUSION, HORIZONTAL, CENTER, BOTTOM (Item 8)** and insert them onto the corresponding spigots on the left frame. These extrusions will support the shelves and must be installed at this stage.



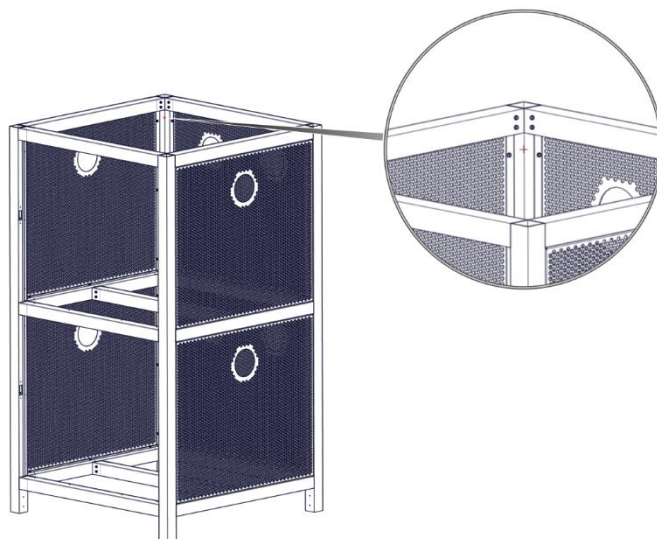
- Repeat the same process on the front side using **EXTRUSION, HORIZONTAL, FRONT, TOP (Item 10)**, **EXTRUSION, HORIZONTAL, FRONT, MIDDLE (Item 12)**, and **EXTRUSION, HORIZONTAL, FRONT, BOTTOM (Item 11)**, mounting all extrusions onto the left frame first.
- Once all horizontal extrusions, including front, back, and centre members, are mounted onto the left frame, bring the right frame into position.
- Carefully align the right frame with the free ends of all horizontal extrusions and insert the extrusions into their corresponding locations on the right frame. Ensure all members are properly aligned before fastening.



- After full alignment, secure all connections using **12-14 X 20, SELF DRILLING SCREWS (Item 1)** by driving screws through the horizontal extrusions into the spigots.
- Check that all extrusions are fully seated, the frame is square, and all connections are tightened to form a rigid and stable structure.

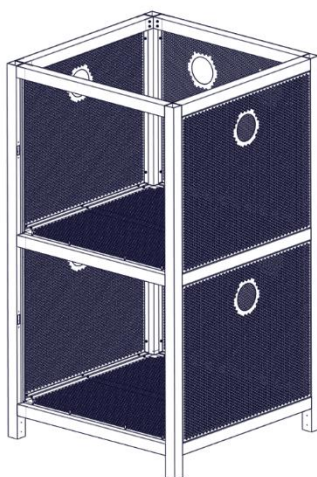
Installation of Back Panels

- Once the extrusions are properly mounted, take the **PANEL, BACK (Item 23)**.
- Position the **PANEL, BACK (Item 23)** onto the rear side of the frame.
- Align the panel with the outer edges of the frame.
- Secure the **PANEL, BACK (Item 23)** to the frame using **12-14 X 20, SELF DRILLING SCREWS (Item 1)**, ensuring it is firmly fixed and flush with the frame.



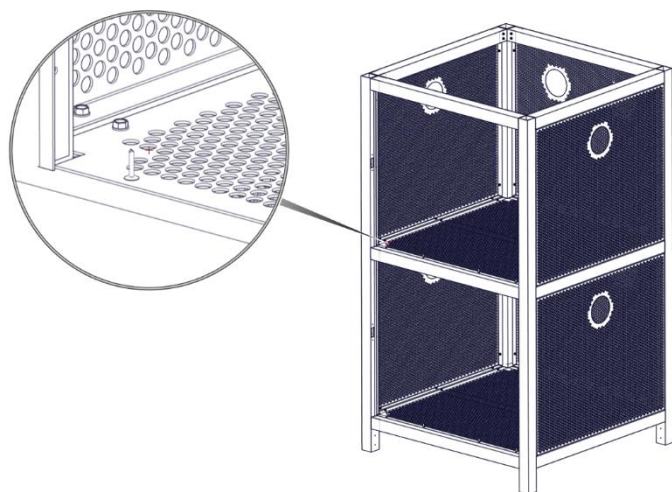
Installation of Shelves

- Take the **SHELVES (Item 26)** and place them at the middle and bottom levels inside the frame.



- Ensure the shelves rest on the side horizontal extrusions and the center support extrusions.

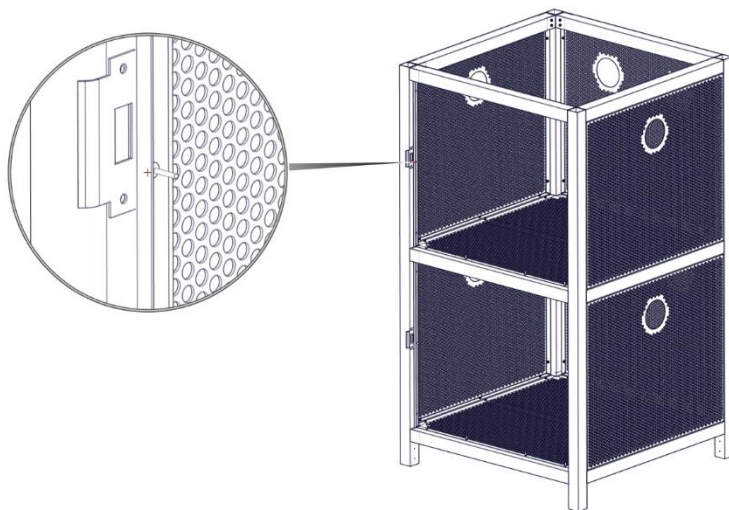
- Secure the shelves using **M4 X 10.5, RIVETS (Item 20)** at the front and **12-14 X 20, SELF DRILLING SCREWS (Item 1)** along the sides and back.



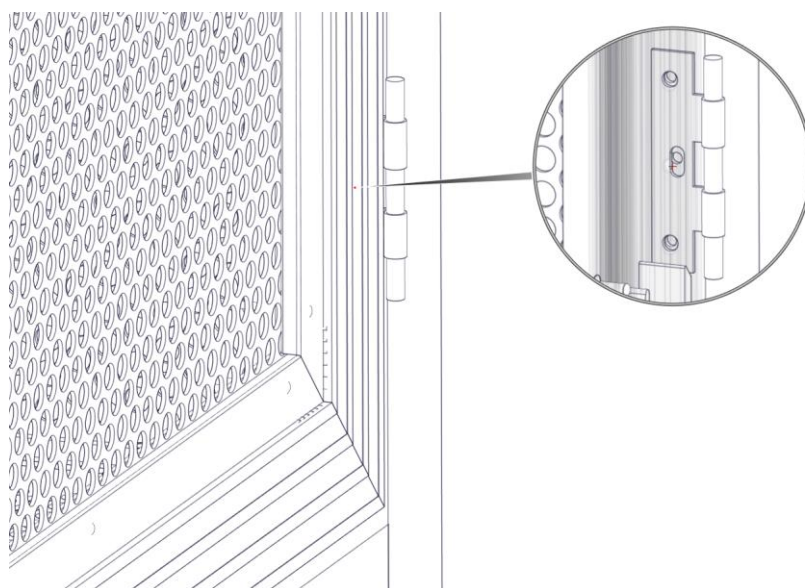
- Ensure the shelves are level and firmly secured.

Installation of Doors

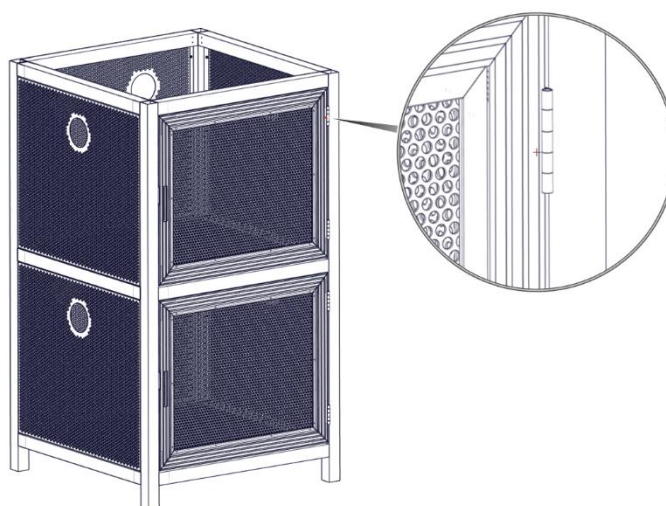
- Take the **DOOR ASSEMBLY (Item 31)** and position it at the front of the frame.
- Install the **DOOR STOPPER (Item 2)** and **STRIKE (Item 30)** onto the corresponding vertical extrusion.



- Align the hinges with the mounting points on the vertical extrusion.



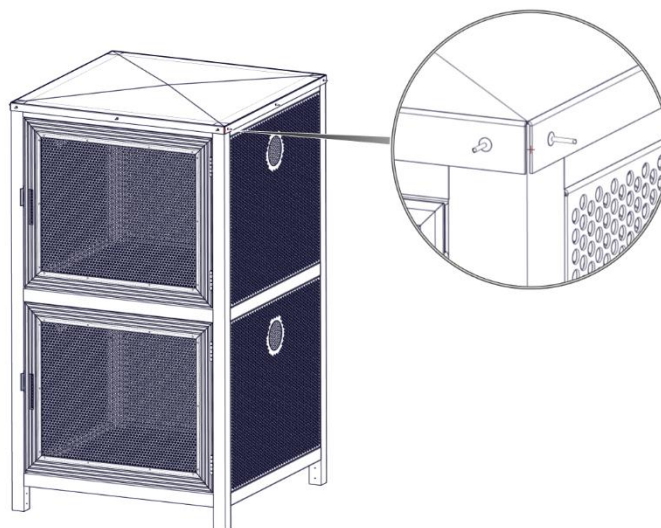
- Secure the hinges using **M4 X 10.5, RIVETS (Item 20)**.



- Check that the door opens and closes smoothly and aligns correctly.

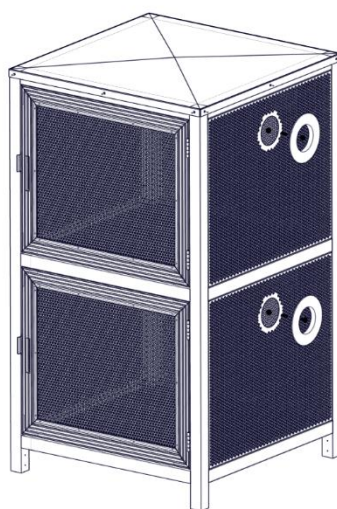
Installation of Roof

- Place the **PANEL, ROOF (Item 24)** on top of the frame.
- Align the roof with the top horizontal extrusions.
- Secure the roof using **M4 X 10.5, RIVETS (Item 20)** along all edges.

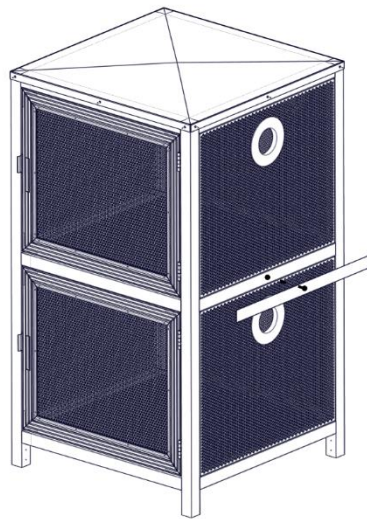


Installation of Signage

- Take the **SIGNAGE (Item 27)** and apply double-sided tape on the back side.
- Align the signage with the pre-cut circular openings in the panels.



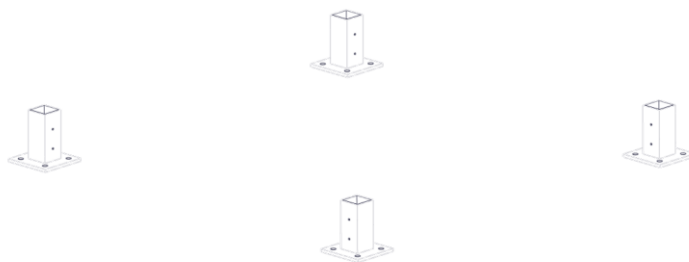
- Take the **SIGNAGE STRIP (Item 28)** and install it on all four **EXTRUSION, HORIZONTAL, MIDDLE** extrusions.
- Start by placing the **SIGNAGE STRIP (Item 28)** on the **EXTRUSION, HORIZONTAL, MIDDLE, RIGHT (Item 14)**, ensuring it is aligned correctly.



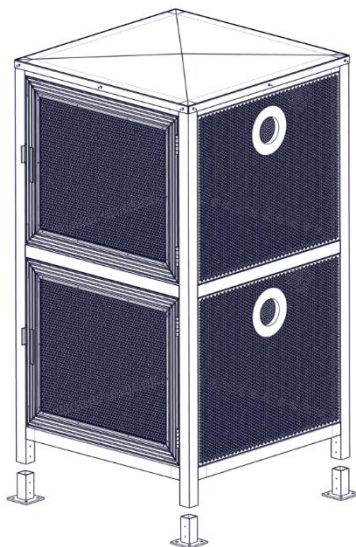
- Repeat this on the **EXTRUSION, HORIZONTAL, BACK, MIDDLE (Item 5)**, **EXTRUSION, HORIZONTAL, MIDDLE, LEFT (Item 13)**, and **EXTRUSION, HORIZONTAL, MIDDLE, RIGHT (Item 14)** extrusions.
- Secure the **SIGNAGE STRIP (Item 28)** in place by pressing it firmly onto the pre-marked locations on all four middle horizontal extrusions of the frame. The double-sided tape will hold the strip in place securely.

Installation of Fixed Base Stand.

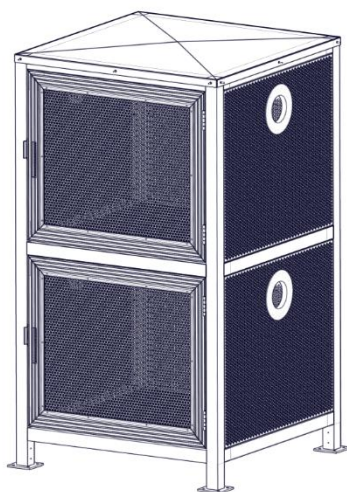
- Position the **BASE SUPPORT (Item 32)** at the installation location corresponding to the four bottom corners of the assembly.



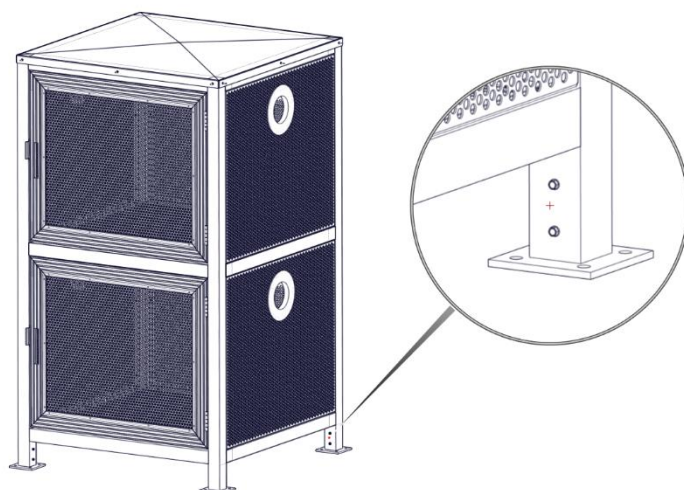
- Fix the **BASE SUPPORT (Item 32)** securely to the ground using M10 bolts.
- Lift and position the main frame above the installed base stands.



- Lower the frame so that the **EXTRUSION, VERTICAL** members slide over the square hollow sections of the **BASE SUPPORT (Item 32)**.
- Ensure the frame is fully seated and properly aligned on all four corners.



- Secure the frame to each **BASE SUPPORT (Item 32)** using **12-14 X 20, SELF DRILLING SCREWS (Item 1)**.



- Tighten all fasteners and verify that the structure is stable, aligned, and firmly fixed.

Final Inspection

- Check that all **12-14 X 20, SELF DRILLING SCREWS (Item 1)**, **M4 X 10.5, RIVETS (Item 22)**, and all fasteners are properly secured.
- Ensure the structure is stable and square.
- Verify that the shelves are properly seated and secured.
- Check that the doors open and close smoothly without interference.
- Confirm that the wheels rotate freely and the unit moves easily.

The recycle bin is now fully assembled from the flat pack and ready for use.

