

## **4+1 RECYCLING CONTAINER**

### **TECHNICAL SPECIFICATION**

**1-** 4+1 recycling container will be manufactured according to the front dimensions of 3.110x1.150x2.110mm according to the attached technical drawing.

**2-** 4+1 recycling container body parts will be disassembled.

According to the attached technical drawing, the 3-4+1 recycling container will be inclined with the dimensions of 2.010x1980mm and snow and rain water will flow on it. Therefore, water leakage into the recycling container will be prevented.

**4-** 4+1 recycling containers will be manufactured with a total of 5 chambers and each waste will be provided to enter the chamber from different compartments.

3-1= Glass waste container

3-2= Paper waste container

3-3= Plastic waste container

3-4= Metal waste container

3-7= Battery waste container

**5-** 4+1 The body sheet of the recycling container container will be 2 mm thick, galvanized sheet in accordance with TS EN 10346 Standard, and its resistance to impact and environmental conditions will be increased with electro-static oven paint.

**6-** 4+1 3cm\*8cm modular supports will be thrown and welded through a minimum of 6 separate passages on the bottom chassis of the recycling container.

**7-** 4+1 Welding points of the recycling container will be welded as slag by gas metal arc welding technique. There should be 1 water drainage holes on the floor of the 5-door recycling container, close to the doors, in the rear corners. Closing this hole must be provided with a plug-in rubber plug.

**8-** 4+1 4 pieces rubber wedges will be used to cut off the contact of the recycling container from the ground. The bottom feet of the recycling container should be adjustable with rubber soles. The lower legs must have a diameter of Ø 100 mm and a height of 100 mm.

**9-** 4+1 There will be a lockable door on 1 side of the inner chamber of the recycling container so that the container can be emptied. Recycling container door leaf; Its front and back sides are manufactured from galvanized sheet in accordance with TS EN 10346 Standard. Case sheet thickness is 2 mm, galvanized sheet in accordance with TS EN 10346 Standard. Mounted hinges should be used on the doors, both top and bottom. The lock system on the doors will be lockable from 3 different points. (Spare keys will be delivered to the administration.)

**10-** A concealed ramp will be built so that the inner containers can be removed easily. 3.4 mm teardrop patterned or lozenge patterned sheet will be used on the ramp.

**11-** 4+1 4 pieces 240 Liter plastic trash cans will be placed in the recycling container.

**12-** 4+1 The recycle container chamber sections will be manufactured from AISI 304 quality chrome stainless steel with a half-globe shaped drum. When the drum cover is opened, the fixed cover on the back will prevent intervention into the container. It will close the waste mouth to prevent the material thrown into the recycling container from being taken out.

**13-** The hopper covers will be twisted and self-handled. (Special working handles can be made depending on the request of the administration.)

**14 -** At least 1 piece 100 N gas shock absorber will be used for easy closing of the drum covers when opened.

**15-** The drum covers will be manufactured with a ball bearing system in an easy to open and close manner.

**16-** 4+1 After the entire manufacturing process of the recycling container is completed, the interior and exterior color to be determined by the administration will be painted with electrostatic powder paint method.

**17-** 4+1 The writings and designs to be determined by the Administration will be applied as stickers on the outer surface of the recycling container.

**18-** In addition, the logo of the administration on the front surface and the "Recycling Container" will be labeled with at least 1.00 mm thick plexiglass on the back with carved letter cuts.

**19-** 4+1 The printing design to be applied on the recycling container will be given by the administration. Before order confirmation, the administration will be able to make changes in the images and materials used on the front of the products to be supplied.

**20-** Bolts used in the system shall be galvanized with at least 8.8 quality (DIN961-933), nuts (DIN 985) shall be galvanized with fiber.

**21-** Ceiling-hung Sprinkler Fire Extinguisher, 1 piece of 6 kg, will be installed. If the temperature in the fire environment reaches 68°C (with automatic detonation), it will be activated automatically without the need for human intervention.

### 4+1 RECYCLIG CONTAINER MEASUREMENTS

