

## PRODUCT DATA SHEET: STAINLESS STEEL WALL SHELVES



**Manufacturer:** ASSI AS

**Product Category:** Professional Kitchen Furniture

**Material:** High-quality Stainless Steel (AISI 304)

**Application:** Commercial kitchens, laboratories, hospitals, and food processing facilities.

### 1. General Description

ASSI stainless steel wall shelves are designed for heavy-duty use in environments where hygiene, durability, and load-bearing capacity are critical. The sleek, brushed finish ensures easy cleaning and compliance with food safety regulations (HACCP).

### 2. Technical Specifications

- **Material Thickness:** 1.0 mm – 1.5 mm (depending on model).
- **Surface Finish:** Scotch-Brite (brushed)
- **Construction:** \* Fully welded or bolt-on wall brackets.
  - Folded safety edges on all sides to prevent injury and enhance rigidity.
  - Reinforced underside for heavy-load stability.
- **Standard Depths:** 200 mm, 300 mm, 400 mm.
- **Standard Lengths:** 400 mm up to 2000 mm (Custom sizes available upon request).
- **Load Capacity:** Up to 30–50 kg per shelf (depending on wall type and fixings).

### 3. Key Features

- **Corrosion Resistant:** Ideal for humid and wet environments.
- **Hygienic Design:** Easy-to-clean surfaces with no sharp corners.
- **Durability:** Sturdy construction designed for lifetime use.
- **Versatility:** Available as single, double, or adjustable height systems.

## INSTALLATION & MAINTENANCE MANUAL

### 1. Installation Instructions

1. **Wall Assessment:** Ensure the wall structure is strong enough to support the weight of the shelf and its intended load.
2. **Marking:** Use a spirit level to mark the drilling holes for the brackets.
3. **Drilling:** Drill holes suitable for the wall material (concrete, brick, or stud).
4. **Fixing:** Use appropriate high-quality stainless-steel screws and wall plugs.
5. **Mounting:** Secure the brackets first, then attach/slide the shelf onto the brackets (depending on the model).

### 2. Safety Guidelines

- Do not exceed the maximum load capacity.
- Distribute the weight evenly across the shelf.
- Ensure all fasteners are tightened securely.

### 3. Maintenance & Cleaning

- **Daily Cleaning:** Use warm water and a mild detergent. Wipe in the direction of the polished grain.
- **Disinfection:** Use standard food-safe disinfectants.
- **Avoid:** Do not use abrasive pads, steel wool, or cleaners containing chlorine/bleach, as these may damage the protective chromium oxide layer and lead to rusting.
- **Tough Stains:** Use a specialized stainless steel cleaning paste or cream.

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