

Steel Door

◆ Product Description

The steel door is a functional door specially designed for industrial production scenarios. With "high-strength protection as the core and adaptation to complex working conditions as the guide", it is a core equipment to improve the safety level and production efficiency of workshops.



- High-Strength Protection, Building a Solid Safety Barrier
- Corrosion-Resistant and Durable, Adapting to Harsh Working Conditions
- Multi-Channel Sealing, Energy-Saving and Environment-Optimizing
- Convenient and Durable, Improving Passage Efficiency
- Full-Dimensional Customization, Meeting Diverse Needs

◆ Product Structure

- The steel door features a 1.0mm galvanized steel door panel + aluminum honeycomb filling + clean-side aluminum honeycomb wall panel, equipped with a 400*600mm arc-shaped vision window. It is compatible with 75mm light gauge steel stud walls / 200mm solid walls, integrates a hidden hydraulic door closer, sequencer, and L-shaped handle mortise lock. the entire structure has no dust accumulation dead corners and adopts multi-channel sealing, balancing stability and practicality.

◆ Typical Applications

- The steel door is widely used in scenarios such as pharmaceutical GMP workshops, electronic semiconductor workshops, food aseptic production areas, biological laboratories, and precision manufacturing assembly rooms, meeting the core needs of high cleanliness and strong adaptability across multiple industries.

◆ Typical Product Data and Physical Properties

Door Panel Material: 1.0mm Thick Hot-Dip Galvanized Steel Plate
 Door Frame Material: 1.5mm Thick Hot-Dip Galvanized Steel Plate
 Arc-Shaped Vision Window Frame: Clean-Grade Aluminum Alloy
 Arc-Shaped Vision Window Glass: 6mm Tempered Glass
 Opening Direction: Clamp-on Type Single-Leaf
 Hardware Accessories: Hidden Hydraulic Door Closer
 Sealing Rubber Strips: EPDM Food-Grade Rubber Strips
 Door Panel Flexural Strength: $\geq 150\text{MPa}$
 Door Closing Speed: 3-8 Seconds (Adjustable)
 Sealing Efficiency: $\geq 99\%$

Availability:

Item#	Product Specifications	Installation Wall	Weight
1.4.24.01.0132	W0.9M*H2.1M	200MM Solid Wall	73kg
1.4.24.01.0133	W1.6M*H2.1M	75MM Light Gauge Steel Stud Wall	119kg
1.4.24.01.0134	W1.8M*H2.1M	75MM Light Gauge Steel Stud Wall	132kg

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data for reference only

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