Steel Fire Rated Door UL | JuSen

SKU: 1601459462648 | Category: Fire Rated Door



Steel Fire Rated Door UL 1-3 Hour - Hotel Guest Room

Product Overview

Engineered for high-traffic hospitality environments, this UL Listed 1-3 hour fire-rated steel door meets rigorous fire protection standards for hotel guest rooms and apartment projects. Constructed from 16-gauge commercial-grade steel with a reinforced mineral core, it delivers structural integrity and thermal insulation for up to 180 minutes of fire resistance. Certifications include UL 10C for positive pressure fire testing, ensuring compliance with North American building codes.

Key Specifications

Material	16-gauge cold-rolled steel with galvannealed coating
Door Thickness	1-3/4 inches (44.45 mm)
Fire Rating	UL 10C listed – 1 hour, 1.5 hours, 2 hours, 3 hours options
Core	Mineral-based fire-resistant core (calcium silicate or vermiculite)
Finish	Baked-on polyester powder coat – RAL or custom color
Max Size	48 inches wide x 96 inches high (single door)
Warranty	5 years against manufacturing defects

Available Options

- Standard sizes: 30" x 80", 32" x 80", 36" x 80", 40" x 84", 42" x 84"
- Finish colors: RAL 9010 (white), RAL 9005 (black), RAL 7016 (anthracite grey), or custom RAL
- Hardware: mortise lock prep, cylindrical lock prep, or panic bar compatible
- Glass options: 30-minute or 60-minute fire-rated glass lites (wire glass or ceramic)

Applications

- Hotel guest room entry doors requiring 1-hour fire separation
- Apartment corridor and unit doors in multi-family residential buildings
- Hospitality project doors for extended-stay suites and resort villas
- Fire-rated partitions in commercial lodging facilities

Customization Capabilities

Custom sizes up to 48" x 96" and non-standard fire ratings (1, 1.5, 2, or 3 hours) are available. Door can be prepped for specific lock brands, magnetic locks, or electronic access control systems per project specifications.

Packaging & Shipping

Each door is individually wrapped with heavy-duty corrugated cardboard and edge protectors, then packed in wooden crates for container loading. Standard lead time is 15–25 working days after order confirmation and deposit.

Why Choose Us

- UL 10C JuSen Doors with full test documentation provided
- Direct factory pricing with no middleman – competitive for bulk hotel and apartment projects
- Dedicated project management team for large-scale hospitality orders

Frequently Asked Questions

What fire testing standard does this door comply with?

This door is UL 10C listed for positive pressure fire testing, which simulates real fire conditions more accurately than neutral pressure tests. It is also compliant with NFPA 80 requirements for fire door assemblies.

Can I get a 3-hour fire rating for a hotel stairwell door?

Yes, the 3-hour fire rating is available for larger openings up to 48" x 96". The mineral core thickness and steel gauge are adjusted to meet UL 10C requirements for the 180-minute rating. Confirm the exact opening size and hardware prep when ordering.

Is this door suitable for high-traffic hotel corridors?

Yes, the 16-gauge steel face and reinforced core provide impact resistance for constant use in hotel corridors. The baked-on polyester finish resists scratching and scuffing from luggage carts and housekeeping carts. Regular maintenance of hinges and closer is recommended for long-term performance.

Can I order doors with pre-cut holes for electronic locks?

Yes, we can pre-cut holes and router pockets for most electronic lock brands, including VingCard, Onity, Salto, and ASSA ABLOY. Provide the lock template or model number, and we will prepare the door accordingly. Additional lead time of 3–5 days may apply.

What is the packaging for container shipment to a hotel project site?

Doors are packed individually with corner protectors and shrink wrap, then bundled on pallets or in wooden crates, depending on quantity. Each bundle is strapped and labeled with door size and fire rating. For large projects, we provide a packing list with door numbers matching your floor plan.

Get A Quote

Contact us for customized quotation, volume pricing, and project specifications. Response within 24 hours.

技术参数

door_material	steel
design_style	modern
surface_finish	unfinished
application	hotel
position	Commercial
model_number	Fire rated steel door
place_of_origin	Sichuan, China
warranty	More Than 5 Years

来源: https://www.alibaba.com/product-detail/UL-Listed-1-3-Hours-Fire_1601459462648.html#/

Specifications

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Get a Quote

For factory-direct pricing, samples and lead times, contact our project team.

Company	JuSen Doors & Windows Manufacturing Co., Ltd.
Factory	Foshan & Maoming, Guangdong, China
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