



FIRE DOORS

**ENGINEERED
FOR LIFE SAFETY**





BÖLDT is a specialist company in the field of passive fire protection. The products include fire doors, fire curtains, glazed doors and glazed panels. BÖLDT is a division of Window Techs India Pvt. Ltd. which has a manufacturing experience of over 30 years, including 12 years for fire curtains. The customer list includes prestigious names like Yashobhoomi, Bharatmandapam, NCC, AIIMS, CPWD, PWD Delhi and many others.

The new integrated manufacturing plant for BÖLDT at Jaipur covers an area of 111,000 sft. From design to manufacturing, all activities are in-house, allowing full control of quality over the entire manufacturing process. Quality inspection is an integral process to ensure only accepted products would reach the site.

The sheet metal processing line includes CNC notching & punching, CNC bending and powder coating facility. Machines are of European origin to ensure accuracy of production. The fire door hardware is procured from secure sources.

Fire doors are offered in 6 standard colours which are kept in stock. Any other colour can also be supplied for large volume orders. Our powder coating line and oven are CNC-controlled to ensure a superior finish. This advanced system guarantees a uniform powder deposit at the optimal density, while precisely managing baking times to maximize product durability, finish quality, and lifespan.

Where Fire Doors are required as per The National Building Construction Standards 2026 (Part F - Fire and Life Safety)

While the full technical text is categorized by "Parts" and "Clauses," the following citations reflect the core mandates within the 2026 standards:

- 1. On Mandatory Exit Protection (Part F, Clause 2.- 22)**
"Minimum 30-minute thermal insulation is mandatory for all exit fire doors. Only Partially Insulated (PI) and Insulated (ID) doors tested as per IS 3614:2023 are permitted."
- 2. On High-Rise Lift Enclosures (Part 4, Section 7.10.1)**
"For buildings 15.0 m and above in height... solid doors with fire resistance of at least one hour shall be provided for all lift landings. In buildings exceeding 25 m, the fire lift shall be protected by an enclosure and fire doors with a 2-hour resistance rating to ensure a protected environment for rescue operations."
- 3. On Compartmentation (Part 4, Section 4.5)**
"Every vertical opening (stairs, lifts, or service shafts) shall be enclosed or protected... Openings in fire-resistant walls shall be protected by self-closing fire doors having a fire resistance rating equal to that of the wall (minimum 120 minutes for Type 1 construction)."

The table below lists the key locations and minimum ratings required under NBCS 2026

NBC 2026 CLAUSE	LOCATION / REQUIREMENT	MINIMUM RATING
Cl. 1.2	Single staircase building — stairwell enclosure	60 min
Cl. 1.2	Single staircase building — ventilated lobby	120 min
Cl. 2.24	Firefighting shaft enclosure	120 min
Cl. 4.2.7	Pressurised areas — lift lobby & stairwell entrances	120 min
Cl. 4.2.19.4	Basement access from occupied floors above	120 min
Cl. 4.4.2.4.3.3	Exit staircase access at every floor	120 min
Cl. 4.4.2.4.3.3	Lift lobby at all levels (pressurised 25–30 Pa)	120 min
Cl. 4.5.3.3	Hotel / service apartment guest room corridors	30 min
Cl. 6.3.2	Hospital compartment corridor intersections	120 min
Cl. 6.5 / 6.6	Industrial — fire separating walls	60 min

BÖLDT FIRE DOORS

These doors have common application in residential and commercial buildings. In commercial buildings, a vision panel is sometimes required which can be provided. The doors can be manufactured in design size, but cannot be supplied as per aperture size due manufacturing difficulty. The hardware can be supplied as specified by the customer.

SINGLE AND DOUBLE LEAF
FIRE DOOR SETS

120 min
MAX FIRE RATING

3+ DOOR
SYSTEM
TYPES



STEEL FIRE DOOR SYSTEMS

Single and double leaf fire-rated steel doors for compartmentalization of fire and smoke. Tested to 120 min integrity and stability.

SHUTTER	0.8–1.2mm
FRAME	1.2–1.6mm
INFILL	Ceramic wool / Rockwool
THICKNESS	46mm
RATING	Up to 120 min

HOLLOW METAL SHAFT DOORS

Heavy-duty hollow metal doors for lift shafts, stairwells and utility risers. Prevents vertical fire propagation in critical circulation zones.

SHUTTER	0.8–1.6mm
FRAME	1.2–1.8mm
INFILL	honeycomb
FINISH	46mm
RATING	Up to 120 min

GLAZED FIRE DOORS

Fire-rated glazed doors with engineered fire-resistant glass panels. Maintains integrity while preserving natural light and visibility.

SHUTTER	16mm 2Hr Fire Rated
FRAME	Steel
INFILL	Rockwool
CONFIG	Single / Double
RATING	Up to 120 min



NBCS
2026

• CBRI TESTED

• ISI MARKED

• IN-HOUSE MANUFACTURING

• NBCS 2026 COMPLIANT



JAIPUR MANUFACTURING FACILITY

AUTOMATED PRODUCTION

Our CNC-driven manufacturing line ensures every doorset is formed, fitted, and finished with consistent precision - eliminating manual variance across high-volume orders. What you specify on day one is what arrives on site.

TIMELINE RELIABILITY

Integrated in-house production means no dependency on third-party vendors or supply chain delays. From order confirmation to dispatch, every stage is tracked and controlled within our own facility — keeping your project schedule intact.

NATIONAL SERVICE

BÖLDT operates across India, with authorised partners in all major cities supporting projects from initial specification through to installation and after-sales. Whether a single doorset or a large-scale order, our team ensures responsive coordination at every stage.

CERTIFIED PERFORMANCE

Every BÖLDT fire door is tested at CBRI and NABL accredited laboratories, fully compliant with NBCS 2026. Beyond certification, we conduct random in-house furnace tests at our factory — ensuring performance is verified, not just once.

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