



STEEL DOORS & FRAMES

DURABLE
COLLECTION

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OUR CERTIFICATIONS

Durable Collection, established in 2005, supplies architectural ironmongery and electrified hardware for skyscrapers, schools, universities, hospitals, government facilities, banks, and resorts.

The company partners with leading manufacturers to deliver rigorously tested and certified products, focusing on durability and architectural precision.

Through Intertek's accredited laboratories, Durable Collection doors are certified to:

- EN 1634-1 (Fire resistance – integrity and insulation) for up to 240 minutes.
- UL 10C / NFPA 252 (Fire tests of door assemblies) ensuring compliance with American standards.



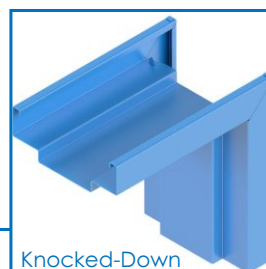
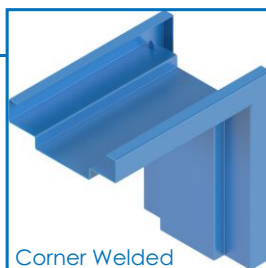
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METAL DOORS COMPONENTS

Metal Frame

Can be manufactured from 1.5mm to 2mm galvanized or stainless steel sheet and it can be delivered in knock down or corner welded type, and in many frame types or shapes.



1

Metal Leaf

Can be manufactured from 1.2mm to 2mm galvanized or stainless steel sheet.

2

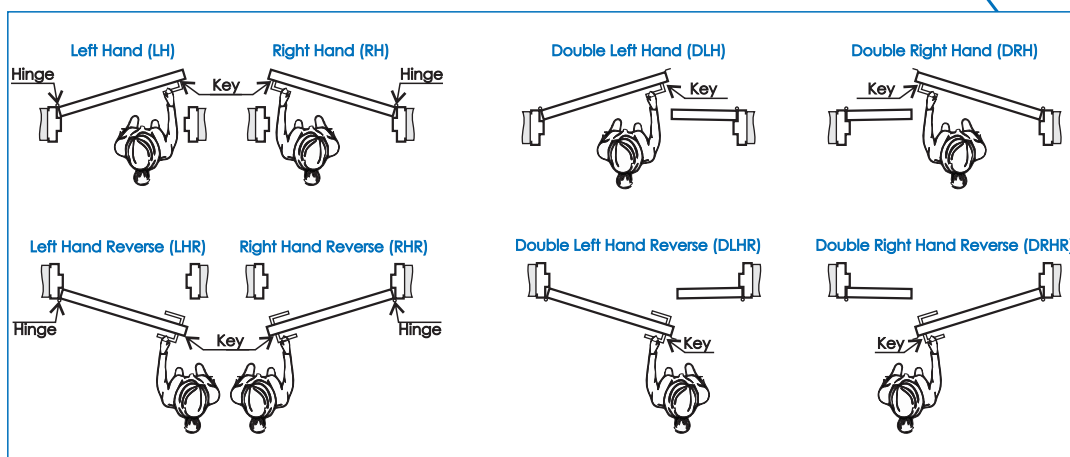
Lock

Durable Collection metal doors can be manufactured to accommodate any type of locks according to architectural hardware set specifications.

3

Opening Direction

Durable Collection doors are handed according to the below chart.



4

Door Closer

Generally, doors come prepared to receive a standard overhead door closer; Metal doors can also be prepared for a concealed door closer if requested by hardware descriptions.

5

Vision Panel

Durable Collection metal doors can be fitted with vision panels of different shapes and sizes. Attached detail is for a typical glazing system.

6

7

Hinges

Durable Collection metal doors can be manufactured to receive many types of hinges (such as ball bearing or concealed hinges), according to architectural hardware set specifications.

8

9

Louvers

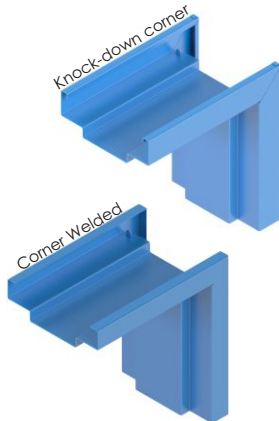
Air transfer grilles or louvers can be fitted in both internal and external doorsets for ventilation and either can be fire rated or non-fire rated. Attached is the detail of a typical non-fire louver.

Drop Seal

All metal doors can be prepared for the drop seal if requested by client or by the norms such as in acoustic doors.

DURABLE COLLECTION METAL FRAMES

Durable Collection frames are made from stainless or galvanized steel, with primed or powder-coated finishes in any RAL color. They can be manufactured in many sizes and are available in the following configurations:



- Single or double rebated, matching the wall width
- Corner type: knock-down (KD) or corner welded (W). KD form is used for easier transport and assembly on site, ideal for large projects and cost-efficient delivery.
- Flush or wrap-around
- Thickness: 1.5 mm or 2 mm steel sheet
- Optional seals as required by specifications

Frames are manufactured to accommodate our standard or any other special ironmongery such as overhead closer, security bolts, panic furniture, lock strikes, flush bolts, and indicator bolts.

Frame Fixing

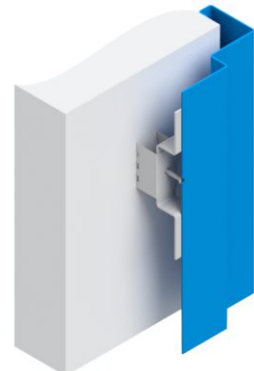
A full range of fixing options is available.



Expansion Anchor
Typical for concrete masonry units (CMUs). Can be used on any type of wall with or without concrete filling.



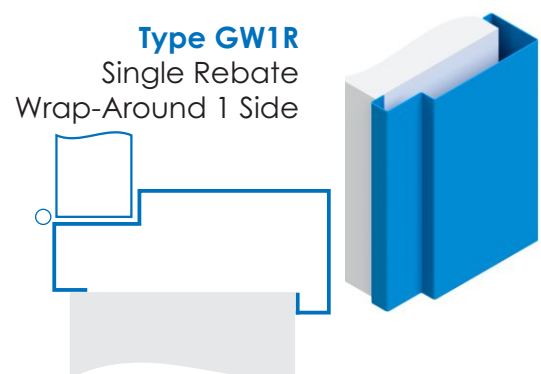
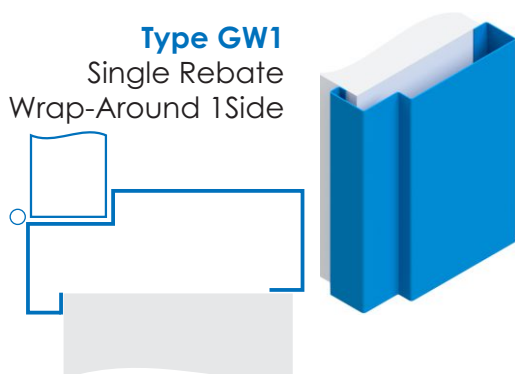
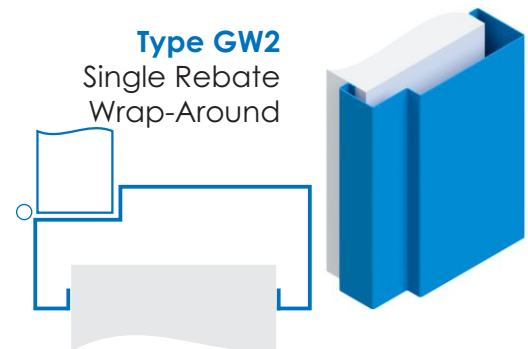
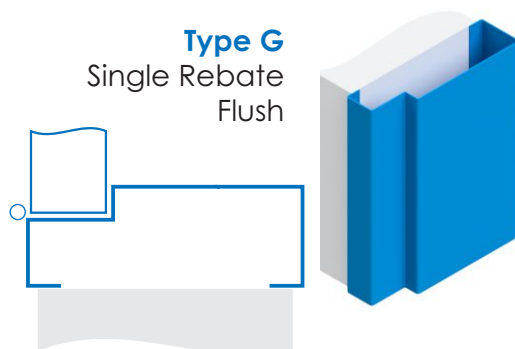
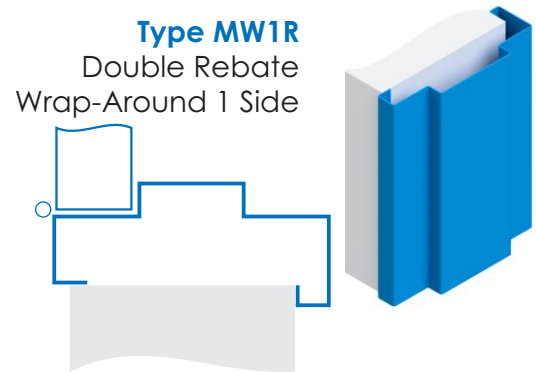
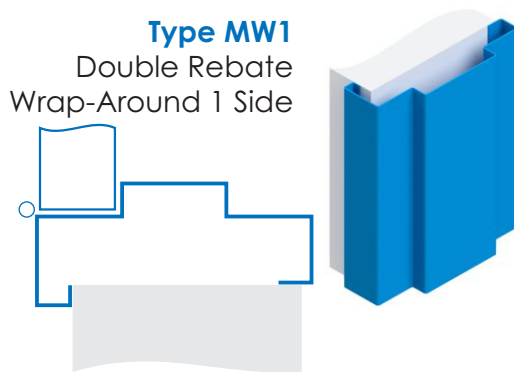
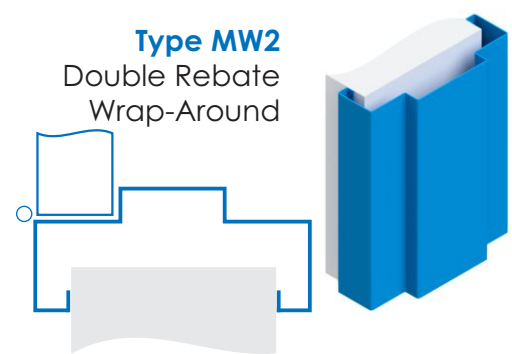
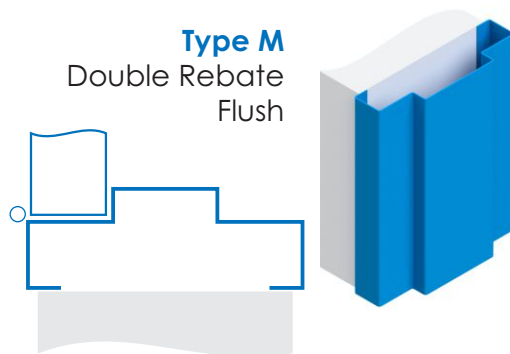
“ T ” Anchor
Typical for masonry and concrete wall. Concrete filling is a must.



Compression Anchor
Typical for gypsum. Can be used on any type of wall. Wrap-around frame is a must.

(Other frame fixing are available upon request)

A wide range of frame profiles are available to suit for various applications for either traditional or new methods of construction. The illustrations below show the most commonly used frame profiles.



(Double egress frame, Double action frame and other profiles are available upon request)

CUSTOMIZED & SERIES DOORS

Durable Collection offers two manufacturing approaches: customized and series.

Customized Doors

Customized doors can be made to any size and finished in a range of materials including galvanized G90 or stainless steel 304/316 in brushed or mirror polish.

Doors are available in standard or custom frame types, with ironmongery, vision panels, louvers, and finishes offered to project requirements. A wide range of RAL colors and textures such as Orange Peel, Sandy, Bright, or Matt are available. All doors meet fire, acoustic, insulation, and security standards.

Series Doors

Series doors provide a quicker and more cost-effective solution while maintaining the same quality.

- **Material and Colors:**
Frame: 1.5 mm Galvanized Metal Sheet / Leaf: 1.25 mm Galvanized Metal Sheet.
Both finished in RAL 1013, 7040, or 9010 with a peel texture.
- **Frame Type:**
Standard single rebate G type frame with 150 mm width is used for all types of Series.
- **Astragal:**
All double doors are equipped with double astragal for more security.
- **Fire Rating:**
All doors are fire rated to EN1634-1.

Series #	Door Type	Lock Type	Vision Panel	Range of Dimensions (mm)			Fire Rating
				Height	Width	Step	
SSFGK-HPC44	Single	Sashlock	N/A	2000 - 2400	800 - 1100	50	240 min
ESFGK-HPC44	Double	Sashlock	N/A	2000 - 2400	1500 - 1850	50	240 min
USFGK-HPC44	Double Unequal	Sashlock	N/A	2000 - 2400	1200 - 1600	50	240 min
SPFGK-HPC44	Single	Panic Bar	N/A	2000 - 2400	800 - 1100	50	240 min
EPFGK-HPC44	Double	Panic Bar	N/A	2000 - 2400	1500 - 1850	50	240 min
UPFGK-HPC44	Double Unequal	Panic Bar	N/A	2000 - 2400	1200 - 1600	50	240 min
SSVGK-HPC44	Single	Sashlock	400 x 400	2000 - 2400	800 - 1100	50	60 min
ESVGK-HPC44	Double	Sashlock	400 x 400	2000 - 2400	1500 - 1850	50	60 min
USVGK-HPC44	Double Unequal	Sashlock	400 x 400	2000 - 2400	1200 - 1600	50	60 min
SPVGK-HPC44	Single	Panic Bar	400 x 400	2000 - 2400	800 - 1100	50	60 min
EPVGK-HPC44	Double	Panic Bar	400 x 400	2000 - 2400	1500 - 1850	50	60 min
UPVGK-HPC44	Double Unequal	Panic Bar	400 x 400	2000 - 2400	1200 - 1600	50	60 min

Doors with vision panel can have higher rating upon request

DURABLE COLLECTION FIRE (INTEGRITY & INSULATED) DOORS

General Information

Integrity doors are designed to stop the spread of fire, while insulated doors slow down the transfer of heat. The Durable Collection range of integrity and insulated doors is designed for prolonged fire resistance. They are flexible to match architectural and aesthetic requirements.

Construction

- Material:
Frame: 1.5 mm Galvanized Metal Sheet / Leaf: 1.25 mm Galvanized Metal Sheet.
- Finish:
Frames and leaves finished primed or powder coated in any RAL color. Wood-like finishes can also be achieved using Italian sublimation technology.
- Frame & Leaf Type:
Doors are available in standard or custom sizes and frame types. They can be accommodated with vision panels and louvers depending on project requirements.
- Ironmongery:
In addition, all our metal doors are reinforced with 5mm reinforcements to receive the required hinges and 3mm reinforcements to receive locks and strikes.

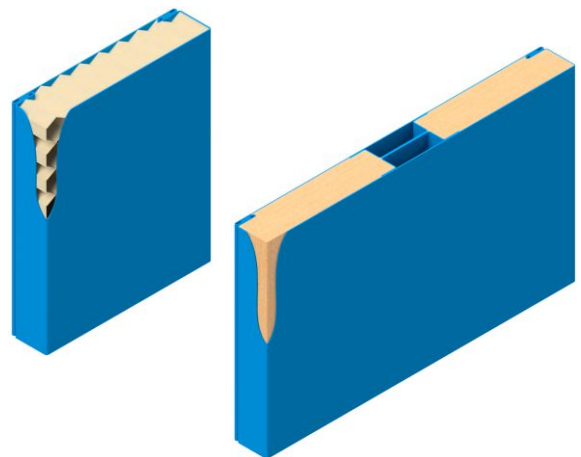
Fire Resistance

Durable Collection fire doors have been successfully subjected to EN1634 and UL 10C fire testing allowing us to certify 60, 90, 120, 240 minute assemblies to the European Norm and 45, 1-1/2, 3 hours to the American standard.

Durable Collection range of insulated doors have been successfully tested to EN 1634-1:2014 and insulating doorsets allowing Durable Collection to certificate 30, 60, 120 and 180 minute insulation.



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DURABLE COLLECTION BLAST RESISTANT DOORS

General Information

Durable Collection blast resistant doors are designed to withstand explosions in petrochemical plants, industrial sites, and high-risk facilities. They are engineered for specified blast pressures and validated by third-party consultants.

Construction

- Welded steel inner framework
- Multiple weld connections to door skins
- Rockwool infill between reinforcements
- Reinforcement and anchoring designed to blast pressure requirements
- Finish: Shop primed and painted top coat Epoxy paint to client RAL color.

Standards and Requirements

- EN 13123-1, Windows, Doors and Shutters Explosion Resistance Requirements and Classification – Shock Tube
- UFC 3-340-02, Structures to Resist the Effects of Accidental Explosions
- ASCE, Design of Blast Resistant Buildings in Petrochemical Facilities
- PIP STC01018, Blast Resistant Building Design Criteria
- Optional UL10C fire rating up to 3 hours



DURABLE COLLECTION PRISON DOORS

General Information

Durable Collection prison doors are built for detention facilities where maximum strength, durability, and tamper resistance are required.

Construction

- Heavy-duty steel construction
- Reinforced with additional steel stiffeners
- Prepared for tamper-proof hardware and security fittings
- All exposed screws are button head type.
- Leaf Type: Doors can be equipped with a highly secured vision panel and food port assembly.

Notes

All steel works are produced, fabricated and assembled **in accordance with NSSS**.

Welding is **in accordance with AWS D1.1 "STRUCTURAL WELDING CODE"**.

All sharp edges and burrs are removed.

The door sill is **electrogalvanized** after fabrication to prevent corrosion.



DURABLE COLLECTION AIR TRANSFER GRILLES

General Information

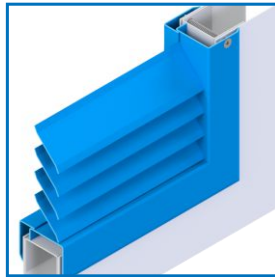
Louvers provide ventilation in doors while maintaining strength and durability. They are available in both fire-rated and non-fire-rated versions.

Non-Fire rated louver

- Material: 1.5 galvanized steel
- Dimensions: according to client requirements.

A non-fire rated louver can be installed on a door leaf or as fixed panel, in addition, a full louvered steel door is also available.

Below is the detail of a typical non-fire rated louver:

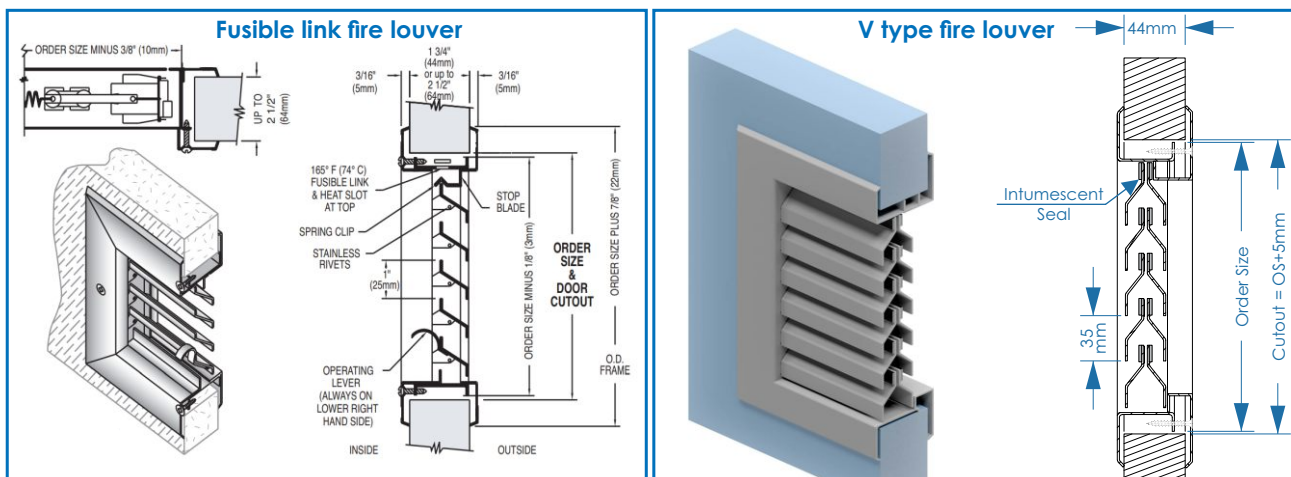


Fire rated louver

Fire rated louvers are used for passive fire protection in fire rated doors for up to 90 minutes fire protection.

- Material: 1.5 galvanized steel
- Dimensions:
 - Type 1: 30 x 30 cm, Type 2: 45 x 45 cm, Type 3: 60 x 60 cm
 - Type 4: 30 x 60 cm, Type 5: 45 x 60 cm, Type 6: 30 x 45 cm

Below is the detail of a typical fire rated louver:

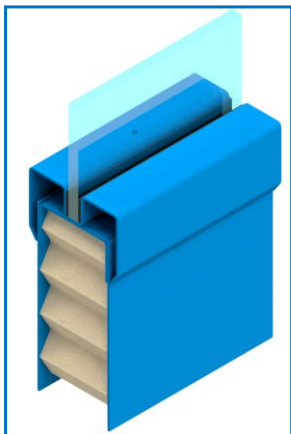


DURABLE COLLECTION

VISION PANELS

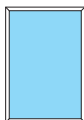
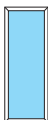
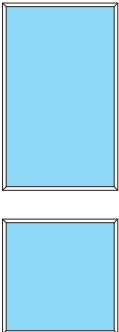
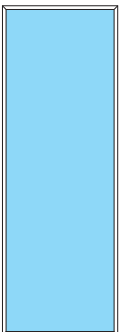
General Information

Vision panels provide visibility and light transfer while maintaining fire or security performance. They are available in various shapes and sizes to match project requirements. Below is the typical detail of a fire rated vision panel.



Vision styles

The most popular vision panels styles are shown below, although other designs can be accommodated. All aperture dimensions shown are clear vision sizes. A selection of glazing systems is available to suit styles as shown.

	VP1 Standard size: 60 cm x 40 cm Elevation: 160 cm to the center Fire Rating: 240 minutes to EN 1-1/2 hours to UL		VP2 Standard size: 60 cm x 20 cm Elevation: 160 cm to the center Location: 15 cm from the edge Fire Rating: 240 minutes to EN 1-1/2 hours to UL		VP3 Standard size: 25 cm x 25 cm Elevation: 160 cm to the center Fire Rating: 240 minutes to EN 3 hours to UL
	VP4 Standard Diameter: 25 cm & 40 cm Elevation: 160 cm to the center Fire Rating: 240 minutes to EN 3 hours to UL (25 cm)		VP5 Standard size: 100 cm x 50 cm 40 cm x 50 cm Location: 20 cm from the edges Fire Rating: 1-1/2 hours to UL		VP6 Standard size: full vision Location: 15 cm from the edges Fire Rating: not fire rated

DURABLE COLLECTION SUBLIMATION SYSTEM

General Information

Durable Collection uses sublimation technology to apply decorative finishes on doors and frames. This process creates surfaces that combine durability, fire-retardant properties, and strong visual appeal.

Samples of the available wood effect sublimation:

DS733 + 2507-18-L



DS475 + 2501-12



8G-148-A009 + 2507-18-L



8G-148-A009 + 2501-12L



DS708 + 2507-07



DS726 + 2507-07



DS726 + 2507-18



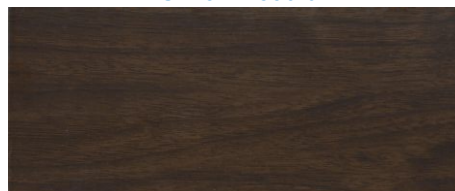
DS708 + 1101-02



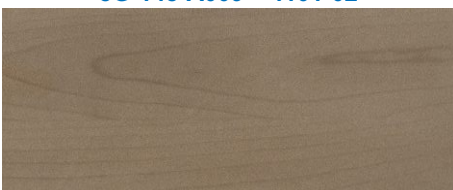
DS726 + 2501-12



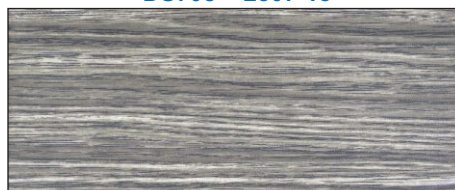
DS475 + 1836-01



8G-148-A009 + 1101-02



DS708 + 2507-18



This catalog doesn't reflect the exact color of the sublimation effect, ask for physical samples

205

Classroom



INTRODUCING OTHER DURABLE COLLECTION PRODUCTS

Glazed Stainless Steel

Durable Collection's high-quality solutions for both exterior facades and detailed interior applications.

- Cladding: columns, canopies, skylights, and other architectural features
- Access & railing: handrails, balustrades, partitions, and gates
- Structural steel: walkways, skylights, staircases, glass parapets
- Custom designs: furniture, desks, and architectural fittings made to client specifications

Metal Lockers

- Material: 1.25 mm Galvanized Metal Sheet
- Finish: finished primed or powder coated in any RAL color.
- Dimensions: custom sizes and configurations

Sliding Gate

Durable Collection sliding gates provide smooth, space-efficient operation with high durability and security. They are suitable for industrial, commercial, and residential applications.

- Manual or motorized configurations
- Integration with access control systems
- Custom sizes available
- Finished in any RAL color



Balustrade

Durable Collection balustrades combine strength with modern design.

- Material: stainless or galvanized steel for use in staircases, balconies, and walkways
- Both indoors and outdoors
- Customizable in shape, finish, and mounting type

Rapid Door

Rapid doors, also called high-speed doors, reduce noise from machinery, save energy in climate-controlled areas, and separate manufacturing zones to prevent cross contamination.

- Ideal for industrial facilities and high-traffic environments
- Lateral opening technology for smooth and safe traffic flow
- Counterbalanced system
- Strong, durable door panel
- Full-width vision panel
- Opening speed: up to 5 m/s
- Closing speed: up to 2.5 m/s



Sliding Doors

Durable Collection sliding doors combine durability, security, and smooth operation. They are designed for long-lasting performance, minimal maintenance, and efficient use of space.

- Suitable for industrial, commercial, and high-traffic environments
- Fire rated up to 240 minutes (EN 1634-1)



Wicket Doors

Sliding doors can be fitted with integrated wicket doors for convenient pedestrian access without opening the full door. This option is especially useful in warehouses, factories, and secure facilities.

- Custom sizes available
- Finishes in any RAL color



DURABLE COLLECTION ANTI-BACTERIAL DOORS

General Information

Antibacterial doors are designed for hospitals, laboratories, and clean facilities where hygiene is critical. They combine robust steel construction with a permanent antimicrobial coating.

Performance

- Fire rated up to 240 minutes (EN 1634-1)
- Fire rated up to 90 minutes (UL 10B/10C)

Advantages

Seamless design with a long-lasting antibacterial coating effective for life. Resistant to scratches, chemicals, and corrosion. Suitable for high-traffic, hygiene-sensitive areas where easy cleaning, durability, and long-term hygiene are essential.

DURABLE COLLECTION CLEANROOM SOLUTIONS

General Information

Durable Collection is a provider of comprehensive cleanroom engineering solutions adhering to international standards (ISO/FDA). We are committed to delivering innovative, environmentally friendly, and multifunctional solutions that prioritize aesthetics, reliability, and longevity.

Cleanroom Design & Engineering

Each cleanroom has unique requirements, so Durable Collection offers customized equipment and engineering solutions. Most hospital applications require ISO Class 7 or Class 8 environments.

Key factors:

- Careful selection of construction materials and finishes
- Controlled airflow and ventilation
- Temperature and humidity regulation to prevent contamination
- Scope of Work

From concept to execution, projects cover:

- HVAC systems
- Architectural works
- Utility and piping systems
- BMS/EMS systems
- Electrical systems

All cleanroom solutions undergo rigorous testing and validation to ensure compliance and performance.



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