



# Industrial Doors



Al Qiadiyah Engineering Industries Co.

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## Industrial Doors

maani METALFORM is a trusted and well-known organization in this domain, we are involved in manufacturing, wholesaling, trading and supplying a quality approved assortment of industrial doors.

Fire rating, sound transmission class and the smooth mechanical running are one of the main features of our doors from highly distinguished certified brands. We also offer **Maintenance & Installation** service.



## Roll up Doors

Rolling shutters or roll-up doors are installations engineered for heavy-duty applications. From delivery docks to parking garages, products from Maani Metalform are ideal for business owners who prioritize reliability and performance to encourage efficiency.

Rolling shutters are excellent for blocking out the elements, protecting your inventory and creating a secure storage space for company assets. Take advantage of our solutions for retail storefronts, warehouses, and more.

## METALFORM Rolling Shutters Categories

### Non-Fire Rated Rolling Shutters (N.F.R)

Service doors provide security against entry as well as weather protection from exterior and interior openings in industrial, commercial and institutional buildings. These doors are made from slats of formed galvanized steel, aluminum or stainless steel that roll up to store in a coil above an opening.



### Fire Rated Rolling Shutters (F.R)

Designed for fire-rated openings, our fire rolling shutters provide security and control. They separate buildings or divide a single building into designated fire areas and occupancies.

They are UL listed and can provide fire protection ratings of 45, 90 and 180 Mins. These rolling shutters are also equipped with fire rated Ironmongery and sensors; which can be connected to the fire alarm system in the building.

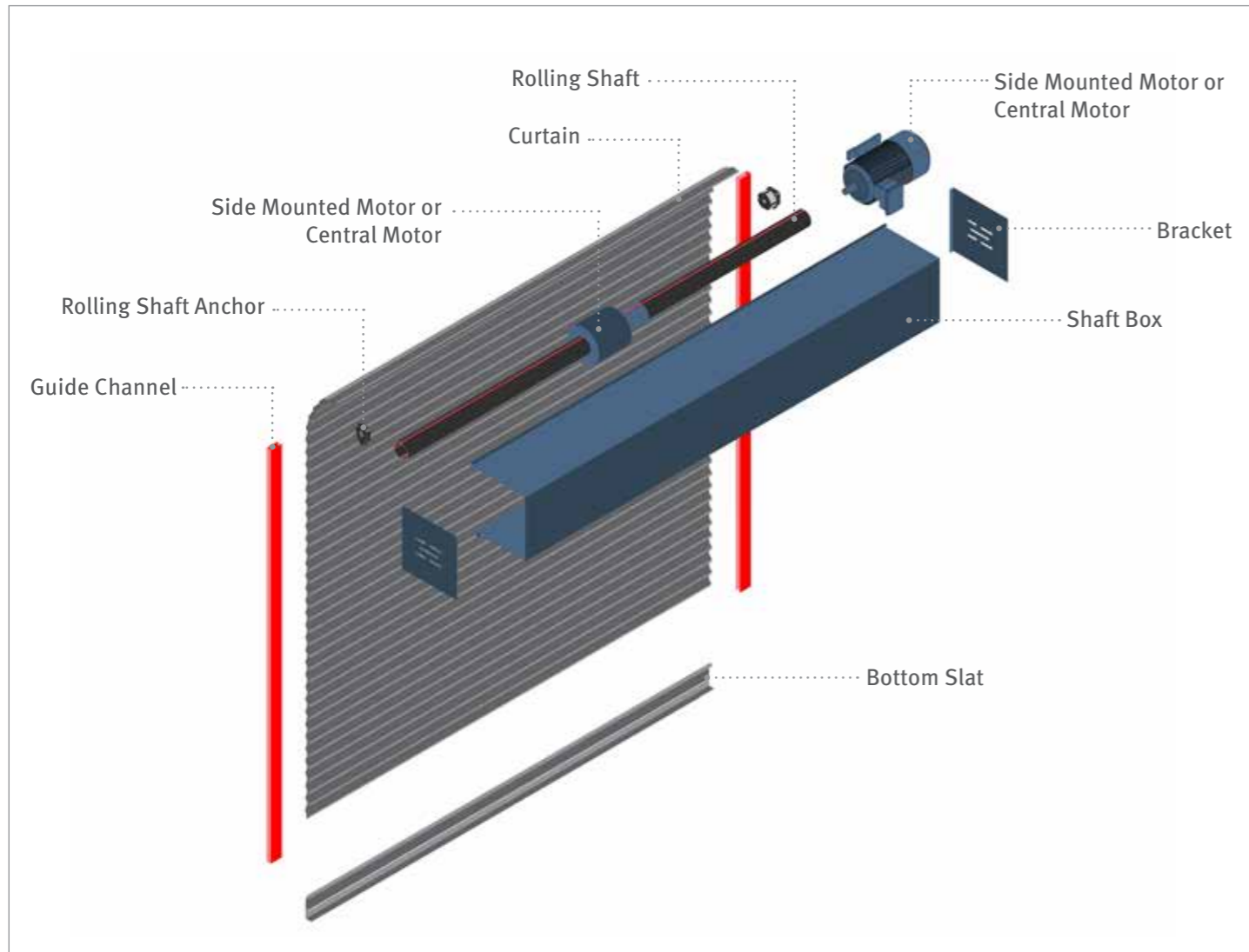


### Acoustical Rolling Shutters

Where noise transmission and heat loss are a primary concern, an insulated shutter is the obvious choice. Our curtains have a sound transmission class (STC) up to 32. They are also equipped with acoustical ironmongery like a rubber bottom seal and brush seals for the best acoustical performance.





## Rolling Shutters Main Components



## Rolling Shutter Curtain

Curtains are constructed of interlocking slats, with a bottom slat consisting of two structural steel angles securely fastened for reinforcement and to provide firm contact against the ridge when closed.

### Curtain Types:

Curtain	Description	Visual Representation
<b>Steel Slat</b>	Single skin rigid steel slat for Fire rated and Non Fire rated usage.	
<b>Steel Double Insulated Slat</b>	Double skin slats with insulation. Provides great noise cancelation and thermal insulation, for Fire rated and acoustic usage.	
<b>Fenestrated &amp; Perforated Steel Slat</b>	Steel slats made with punched Sheet Where visibility, ventilation and security is required, for Non Fire rated usage.	
<b>Tube &amp; Link Grille, brick Bond or Parallel Pattern</b>	Steel grill where maximum visibility & ventilation required for Non Fire rated usage.	
<b>Poly Carbonated</b>	Poly Carbonated Slats, where visibility required for Non Fire rated usage.	
<b>Aluminum</b>	Aluminum slat screening system that offers the latest in architectural style for non fire rated usage .	

### Barrel Shaft Assembly

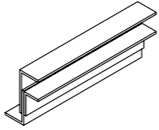
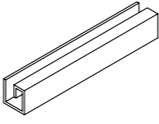
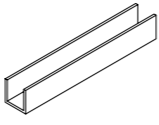
Steel pipe barrel, connected to an electrical motor (Single or Three Phase). The shaft's size is capable of carrying curtain weight with minimum deflection.

## Brackets

The Minimum Size Required will be 6mm to hold the shaft.



## Guides

Multiple profiles are available to suit structural openings and usage.

Guide	Description	Visual Representation
<b>Fire-Rated Guide</b>	3 L beams profile, used for fire rated rolling shutters.	
<b>G Guide</b>	Anti-wind system guide, used with wind-lock to withstand wind pressure.	
<b>Standard Guide</b>	U Shaped profile, for non-fire rated rolling shutters.	

Slats are fixed in position using steel end-locks riveted to the end, securing the slats in place and preventing the curtains from jamming.

## Rolling Shutters Motors

<b>Side Mounted Motor</b>	Powerful. Applicable for both F.R & N.F.R Shutters	
<b>Central Motor</b>	For lightweight and aesthetically pleasing. Used only for N.F.R Shutters	



## Fire & Smoke Curtains

In the event of a fire, the gravity fail-safe curtains automatically deploy to contain smoke and fire.

This slows down how quickly it can spread across a building, crucially allowing more time for safe emergency evacuation.



## Smoke Curtains

Create a smoke reservoir or channel smoke in the required direction as part of a smoke and heat exhaust ventilation system.



## Fire Curtains

Maintain fire compartmentation to limit the spread of fire and create protected escape routes without compromising fire resistance. The Fire Curtains provided by Maani are UL tested and manufactured to the highest technical and quality standards. They are suitable Fire rated usage, behind NON FIRE RATED Rolling Shutters & Full Louvered doors.



## Sectional Doors & Bi - Sectional Doors

maani METALFORM sectional Doors offer premium quality commercial and residential rise up doors. They require minimal maintenance with high durability.

Our sectional doors are the perfect choice to secure your business, warehouse, home, storefront, storage units and more. They allow the usage of visual panels while providing better fire rating and acoustical performance.



## Steel Sliding Steel Doors

maani METALFORM can support a wide variety of sliding doors systems. Your choice of door depends primarily on the structural opening size and location. The type of door you choose can have significant structural consequences for your hangar.

Sliding Doors includes rollers which follows a track. They are simple and easy to install, cost-effective, sturdy, and simple to clean.



With the **Bi-parting Northern system** no portion of the bottom rails are exposed to the elements when the doors are closed. This makes it a perfect choice in areas where extreme weather is a fact of life. The door panels are controlled from inside and stack on the interior of the building.

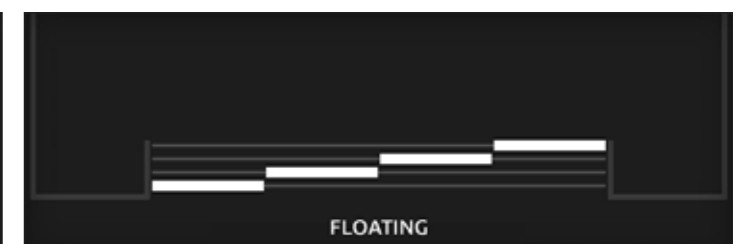
With a **One-Way Door System** only one door pocket is required on the left or right side of the building front. This leaves unobstructed space on the other side for offices, lounges or other interior design requests. One-way door systems are excellent for accommodating asymmetrical designs and they protect the bottom rails from poor weather conditions.



The **Bi-parting Southern** offers space benefits and is usually used in climates where snow and ice are not a concern.

Because the doors stack on the outside of the building, storage space does not have to be allocated inside. There is no need for door pockets and the panels are controlled from inside the building.

The **Floating Door System** offers the ultimate in building design and usage flexibility. Because every door panel can travel the full length of the opening, panels can be stacked anywhere along the rails. The panels can be individually powered or can operate as a group. Since there is no pre-defined stacking site, no floor space is lost to door pockets.



# Sliding Accordion Doors



## List of Major Projects



**Project:** The Ritz-Carlton Residences and Hotel.  
**Location:** Amman\_Jordan  
**Client:** Dar Al-Hadassah (Shair and Partners).  
**Scope:** Architectural metal works, Railings, Balustrade, Steel Doors, Ironmongery, Access Panel.



**Project:** Queen Rania Teacher Academy.  
**Location:** Amman\_Jordan  
**Client:** Haddadin Engineering Co. for Contracting.  
**Scope:** Architectural metal works, Railings, Steel Doors, Ironmongery, Access Panel.



**Project:** The Boulevard / Abdali Mall Consultant.  
**Location:** Amman\_Jordan  
**Client:** Arabtech Jerdaneh.  
**Scope:** Stainless Steel Furnishing, Pots, Cabinets, Turrets, Bins, Bollards, Bicycle Racks, Wire Mesh Trees, Cladding and Frames.



**Project:** Tareq Bus Station- Amman BRT  
**Location:** Jordan, Amman.  
**Client:** Haddadin Engineering Co for Contracting, Haddadinco.  
**Scope:** Architectural metal works; Balustrades, Railings, Steel Doors, Ironmongery, Access Panels.



**Project:** Basra Sports City.  
**Location:** Basra\_Iraq  
**Client:** Eng. Abdullah A. Al Jiburi General Contracting Co.  
**Scope:** Door works; metal, wood, glass, bronze, Aluminum, Ironmongery and Misc. metal works; custom pre-weathered cladding, stainless, painted & galvanized railings & ladders.



**Project:** Haramain High Speed Railway - Makkah Station.  
**Location:** Makkah \_Saudi Arabia.  
**Client:** Saudi Bin Laden Group.  
**Scope:** Doors, Frames & Fixed Panels.



**Project:** Jabal Omar Development Project – Phase 3.  
**Location:** Makkah \_KSA.  
**Client:** JV – Arabian Construction Co. – Drake & Scull Construction.  
**Scope:** Misc. Metal Works; Railings, Ladders, Gratings & Coping, Steel Helipad.



**Project:** Grand Millennium Al Seef Basra Hotel.  
**Location:** Basra\_Iraq.  
**Client:** AL Muhsen Group.  
**Scope:** Steel doors, frames & ironmongery, stainless steel railing, ballistic doors.



**Project:** Saraya Aqaba.  
**Location:** Aqaba\_Jordan  
**Client:** Joint Venture ‘CCC/DSC/ATC JV’.  
**Scope:** Architectural metal works; Balustrades, Railings, Steel Doors, Ironmongery, Access Panels.



**Project:** Ayla Hyatt Regency and Souk Hotels.  
**Location:** Aqaba\_Jordan  
**Client:** ATCCO.  
**Scope:** Perforated Screens, Steel Doors, Ironmongery & Access Panels.



**Project:** Rosary School - Irbid.  
**Location:** Jordan, Irbid.  
**Client:** Haddadin Engineering Co for Contracting, Haddadinco.  
**Scope:** Architectural metal works; Balustrades, Railings, Steel Doors, Ironmongery, Access Panels.



**Project:** Queen Alia International Airport Phase.  
**Location:** Amman\_Jordan.  
**Client:** Joannou & Paraskevaides (overseas) Ltd. & J&P AVAX S.A.  
**Consultant:** Foster & Partners.  
**Scope:** Steel Doors, Ironmongery, Stainless Steel Cabinets, Corner Trims, Interior Cladding System, Metal Fit-outs.





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