



MIACASA STEEL INDUSTRIES LLC
ROLLING SHUTTERS AND FIRE DOORS

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ABOUT MIACASA

Miacasa-aspires to be a leading name in Rolling Shutters (Fire Rated and Non Fire Rated), Sectional Overhead Doors and Lateral Shutters. We are rated as one of the best manufacturers for our products.

We are a group of qualified and self-motivated individuals believing in total customer satisfaction as the motto of the company. We have modern machines, an excellent team of dedicated technicians which give us superior products to satisfy the quality conscious construction industry in the region. Our group companies have earned a name of repute amongst all the customers and have been delivering quality products on time for all the projects completed so far.

Miacasa can provide solutions to all types of wall openings-be it GI Rolling Shutters (FR & NFR), Lateral Shutters, Polycarbonate, Sectional Overhead Doors, Fire Doors(Steel/Wood-Brand -Vulcan), Blast Resistance/Bullet proof Doors up to BR6 (Brand –Vulcan), Fire rated Glazed Partition & Doors (Brand-Vulcan).

All our products are tested and listed by internationally recognized third party certifying bodies and we have local civil defense authority approvals in all GCC countries.

ROLLING SHUTTERS & SECTIONAL OVERHEAD DOORS



MIACASA - UL LISTED MANUFACTURER IN UAE FOR 3 HOURS FIRE RATED SINGLE SKIN ROLLING SHUTTERS.

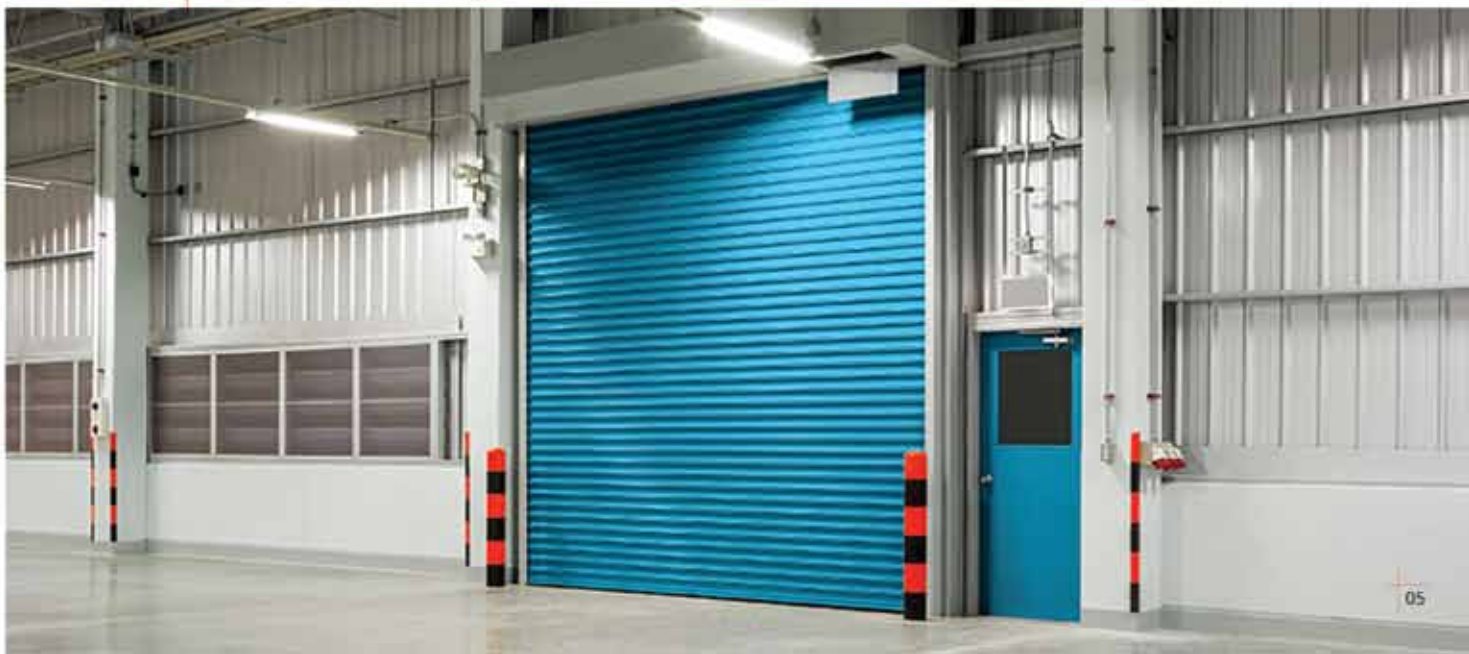


At Miacasa we manufacture strong and efficient roller shutters to withstand the toughest conditions providing reliability whilst retaining ease of operation. They are normally operated by a geared hand chain hoist or an electric motor.



WE DEAL WITH

- Fire Rated Single Skin Rolling Shutter
- Non Fire Rated Single Skin Rolling Shutter
- Residential /Industrial Sectional Overhead Doors
- Continuous Profile Rolling Shutter
- Perforated GI Rolling shutter
- Polycarbonate Rolling shutter
- Grill Type Rolling Shutter
- Aluminium Rolling Shutter
- Aluminium Insulated Rolling Shutter
- Galvanized Steel Insulated Rolling Shutter
- High Speed Rolling Shutters
- Lateral Polycarbonate Rolling Shutter



ROLLING SHUTTERS AND SECTIONAL OVERHEAD DOORS



The most popular and widely used amongst all the categories of doors is the motorized rolling shutter. The symbolic feature of our motorized rolling shutters is its robust structure obtained due to the use of high strength metals in the making of slat and guide profile. This feature acts as a shield and protection against burglary, vandalism & storms. If on one hand these shutters require low maintenance enabling very less inspection & manual attention then on the other hand our motorised rolling shutters have very easy operation ensuring total customer satisfaction.

All these features are developed with vast years of experience in the manufacturing of rolling shutters. We can be stated as one of the most trusted name in the manufacture of high grade and high performance rolling shutters.



BULLET AND BLAST RESISTANT DOORS AND WINDOWS (BRAND : VULCAN)



Hollow metal Bullet Resistant Doors and Frames and Windows systems are available in a wide variety of options to suit both aesthetic and security requirements. Our bullet resistant solutions for building applications are designed to the highest standard to ensure life and property safety. These doors have certified cores and the system is designed by certified engineers.

The high-security glass windows protect against the forcible use of tools – from a simple heavy-duty spanner to the most powerful drilling and grinding machines and fire arms

Bullet resistant products are constructed in conformance with European standard EN 1063 ranging from BR1 to BR7 and under UL 752 standard starting from Level 1 to Level 8.



Blast Resistant Doors are used to withstand high intensity impulsive blast loads and to prevent the impact of the blast from travelling from one side to the other side of the door.

Designed by using transient Dynamic Time History Analysis in ANSYS workbench and material properties used have been modified to accommodate dynamic effects. Taking into account the limitations and the growing need of efficient blast resistant doors, ASTM A36 was used as the material of construction.

VULCAN INDUSTRIES LLC fabricates a complete line of designed and engineer certified door, frame and fixed window products to withstand blast threats ranging from low blast ratings up to 5psi, medium ratings up to 10 psi to 30 psi and above.



FIRE RATED AND NON FIRE RATED STEEL DOORS (BRAND : VULCAN)



Miacasa deals with finest quality Hollow Metal Doors and Frames. We have prided ourselves on building mutually beneficial business relationships with our valued customers, vendors and associates. Our heavy-duty, reinforced steel doors are designed for use in Industrial, Commercial or Residential applications. Steel Doors are durable and have been Underwriters Laboratories tested and approved under UL 10 C /10 B category up to 3 Hours Fire-Ratings. Also tested by Exova upto 4 hours fire rating. Full Flush door panels and frames are constructed of galvanised steel. Steel Doors are available with standard assembly. Our doors are hung by heavy-gauge steel hinges, with available hardware configurations including locksets, panic exit devices, closers and view lites.

SPECIFICATIONS

Fire rated doors and frames are made with galvanised steel and then powder coated to required colour.

Fire Rating can be achieved from 1 hour to 4 hours.

Single Doors from size Width 650-1500 mm X Height 1500-3000 mm can be made.

Double Doors from size Width 1200-3000 mm X Height 1500-3000 mm can be made.



FRAMES

Normally constructed with 1.5 mm thick GI steel & can go upto 3 mm as per requirement

We have different frame profiles

SRF:Single Rebbate Frame

DRF:Double Rebate Frame

SASRF:Single Architrave Single Rebate Frame

SADRF: Single Architrave Double Rebate Frame

DASRF:Double Architrave Single Rebate frame

DADRF:Double Architrave Double Rebate frame

RGSRF:Rubber Grooved Single Rebate Frame (KERF TYPE)

RGDRF:Rubber Grooved Double Rebate Frame (KERF TYPE)

DARGSRF:Double Architrave Rubber Grooved Single Rebate frame (KERF TYPE)

DARGDRF:Double Architrave Rubber Grooved Double Rebate frame (KERF TYPE)

DSF:Double Swing Frame

DEF:Double Egress Frame

SHUTTERS

Normally constructed with 1.2 mm thick galvanized steel & can go up to 3mm as per requirements. Design doors for non fire rated steel doors are possible.

HARDWARE

Fire rated hardware complying to ANSI & British standards can be accommodated.

Security hardware starting from the range of single point locking to multi point locking system is also available.

Any customer specific locking can also be engineered into Vulcan Doors.

APPROVED BY:

UAE, QATAR, OMAN, KUWAIT & BAHRAIN CIVIL DEFENCES.

We are also having high performance Sound Proof Doors tested in accordance with BS-EN ISO 140-3 : 1995

FIRE RATED & NON FIRE RATED WOODEN DOORS (BRAND : VULCAN)



Wooden Doors are tested as per standards of third party certification from Intertek Warnock Hersey/ ITS certification scheme complying North American Codes (NFPA 252, ANSI, UL 10(C), UL 10(B), UBC -7-2 CAN 4-S104 and Chiltan International Fire. Timber doors are also approved under BM Trada under the scheme of Q mark Fire doors complying BS 476 part 22. Timber doors are designed for use in commercial or residential applications. Doors are designed to suit any available hardware configurations including locksets, panic exit devices, closers and view lites.

SPECIFICATIONS

FRAMES

Fire rated Frames are made with solid wood of density varying from 600-800 kg/m³ & composites depending upon the certification. Frames are then painted to the required colour.



APPROVED BY:

**UAE, QATAR, OMAN, KUWAIT &
BAHRAIN CIVIL DEFENCES.**

We are also having high performance Sound Proof Doors
tested in accordance with BS-EN ISO 140-3 : 1995

SHUTTERS

Fire rated shutters are made with Particle chip boards, Mineral cores & Composite cores.

Non fire rated doors can be made with Hollow core or Honey comb infill.

Single Doors from size Width 650-1214 mm X Height 1500-2743 mm can be made.

Double Doors from size Width 1200-2438 mm X Height 1500-2743 mm can be made.

Timber Doors are available in the following ranges, : FD30, FD 45, FD60, FD90 & FD 120.

Door thickness varying from 35 mm to 65 mm thick are available depending on requirements.

Non fire rated doors can be custom made to suit various aesthetic requirements, like veneer, laminates, steel claddings & artistic designs as well.

Timber doors can also achieve Acoustic ratings up to 42 dB.

HARDWARE

Fire rated hardware complying to ANSI & British standards can be accommodated. Security hardware starting from the range of single point locking to five point locking system is also available.

Any customer specific lock system can also be engineered into Vulcan Doors.

FIRE RATED GLASS PARTITIONS & GLASS DOORS (BRAND : VULCAN)



Doors in modern homes or offices fulfill a variety of functions and purposes

Miacasa specializes in double glazed doors to accompany our window range. For the majority of applications glass doors are mainly used to allow access from the inside to outdoor areas such as balconies, verandas, backyards and the like.



The Minimum reasonable standard is double glazing for reasons of energy savings (cost savings), security and demand for higher quality. Miacasa builds on highest quality and variety at good value to ensure customers receives the best products to complement their overall concept. At the same time our products ensure that the correct amount of daylight penetration and privacy is achieved and that your overall design is supported.

Our double glazed doors can be further combined with our huge range of Entrance Doors. This creates perfection, streamline design in your home or workplace by applying the latest technologies through high quality products.

Glass Partitions are used in:

- SHOPPING MALLS
- SCHOOLS
- CORRIDORS
- HOSPITALS
- AIRPORTS

Glass Partitions are tested as per BS476 Part 22

EN 1363-1:2012 ;Fire Resistance tests- Part 1: General Requirements

EN 1363-2:2000 ;Fire Resistance tests- Part 2: Alternative & Additional Procedures

EN 1364-1:2015 ;Fire Resistance tests for non-load bearing elements - Part 1 : Walls.
and having an integrity rating of 90 Mins (TBWIC)& Sustainable flaming with 110 Mins.

Tested Size : 3000mm (H) x 3000mm(W)

Allowed Size : 3000mm(H) and width doesn't have any size constraints

Fire Rated Contra Flame Glasses with 14mm (thk)

Certified By : Thomas Bell Write Consultants

Approved By : UAE , QATAR ,OMAN & BAHRAIN Civil Defences



SECURITY PRODUCTS



Miacasa provides a range of traffic Barrier and Bollard solutions. We supply both fixed and flexible barriers and bollards with both manual and remote control automatic flexible models. These barriers are easily installed, built to last and avail in numerous styles and finishes.



LOADING SYSTEMS



● DOCK LEVELLERS

● DOCK SHELTER

In a much physical & laborious situations when handling of heavy loads becomes really painful & time taking during the loading & unloading of the material, the smartest way is to equip your loading bays with efficient & time saving loading bay material handling equipment.

Miacasa's loading bay equipment solutions reduce your efforts of loading. These will enhance safety and productivity on the dock through a variety of design features.



MIACASA SERVICES



Our nationwide service centre network attend scheduled maintenance visits and on-site repairs. Emergency repairs are often attended within 4 hours. With over years experience in manufacturing, installing and repairing doors and rolling shutters, Miacasa is the ideal partner you can rely on to maintain your industrial, commercial and retail doors. Damaged doors cause downtime to operations, whether it's people traffic or moving goods in and out of buildings. Business today is moving faster, damage and malfunctions must be repaired quickly and professionally by trained technicians. Whether it's one of our doors or another make, Miacasa Service and Repair can fix it.

Annual Maintenance Contracts: A maintenance agreement offers regular service levels to make sure the frequency of door usage is maintained and to diagnose problems before failure and disturbance to traffic flows occur. Planned regular maintenance increases functionality and reduces expensive downtime.





MIACASA STEEL INDUSTRIES LLC

P.O. Box 14934,

New Industrial Area,Ajman, UAE

 **+971 524739147, +971 65592035**

 **info@miacasagroup.com**

 **www.miacasagroup.com**