



A Hand Book
On
Roller Shutter Doors



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Doors: Types & Features

A Door is a panel or barrier, usually hinged, sliding, or electronic, that is used to cover an opening in a wall or partition going into a building or space. A Door can be opened to give access and closed more or less securely. Doors are nearly universal in buildings of all kinds, allowing passage between the inside and outside, and between internal rooms. When open, they admit ventilation and light. The purpose of a Door closure is primarily to give occupants of a space privacy and security by regulating access to outsiders. For this purpose Doors are equipped with a variety of fittings ranging from simple latches to locks. The Door is also used to control the physical atmosphere within a space by enclosing it, excluding air drafts, so that interiors may be more effectively heated or cooled.

Doors are primarily categorized based on their opening / closure mechanism. A Door may slide along tracks such as **High Speed Doors**, pivot on hinges fold or may also slide between two wall panels (pocket Door). In the case of rotation, the axis is usually vertical, except in case for garage Doors which opens up horizontally, above the Door opening. Sometimes the axis of rotation is, with a special construction, not in the plane of the Door, on the other side than that in which the Door opens, to reduce the space required on the side to which the Door opens.

Varieties of Doors are offered by **Roller Shutter Doors** having specific names, depending on their purpose. The most common variety of Door consists of a single rigid panel that fills the Doorway, hinged along one side so that it can fold away from the Doorway in one direction but not in the other. Many variations on this basic design are possible, such as "double" Doors that have two adjacent independent panels hinged on each side of the Doorway. Different types of **Doors** are available based on the opening mechanism and their utility such as Trapdoor that is oriented horizontally in a floor or ceiling, Stable Door is divided in half horizontally usually to keep pets and domestic animals, Swing Door has special hinges that allow it to open either outwards or inwards, and is usually sprung to keep it closed, Saloon Doors are a pair of lightweight swing Doors often found in public bars, Blind Door is a Door with no visible trim or operable components, Up-and-over Door is often used in garages, Barn Door is a Door on a barn and more. Mostly all type of Doors is made up of strong non restive or corrosive materials for enabling durability and strength. Most commonly Doors are made up of Wood, Steel, Aluminum or Glass.

Strip Curtains UK: Change Patterns As Per Your Wish

Each door or curtain is designed to suit the prevailing weather conditions and your individual requirements, moods and tastes. Kaiser Doors Limited have over forty years of collective experience focused on ensuring excellence of service to the food processing, engineering, distribution and retail industries. Thus it enables us to understand your needs in better way and thus ensure your satisfaction in terms of designs, colors, elegance and security. We offer cost effective, easy maintainable, excellently designed PVC Strip curtains with reduced heat and air loss. Our product range ensures isolated noisy machinery and restricts movement of airborne pollutants.

PVC Strip Curtains are so efficient that they will normally save their installation costs every winter. Thousands of these low cost, energy efficient products are in use by industries in UK, saving millions of pounds in wasted heat, yet never impeding access. Lightweight strip with a small degree of overlap is used for internal pedestrian doors or heavy grade PVC with maximum overlap in most exposed doorways. In addition to their energy-saving properties, PVC screens can also be used to control the spread of airborne pollutants, dust, spray, fumes and noise. Our Vina Flex strip doors and **Strip Curtains** reduce energy costs, help improve employee comfort and reduce dust and pollutants. Vinyl PVC Strip Doors are economical and long lasting. The clear PVC strip curtains are easy to install. Our clear vinyl strip doors come in a variety of strip width and can be configured for any door or room of any size. You can use strip doors for coolers and freezers, warehouse doors or to separate rooms from dust, smoke or temperatures. **Strip Curtains UK** also offers an ideal way to prevent entry of airborne pests and a cost effective method of cutting heat loss or retaining chilled air in an area where you need to control the environment such as in a warehouse, factory or food processing plant. Applications for PVC strip curtain also include industrial, warehouse, food environments, cold rooms, refrigerated vehicles, welding screens, sound attenuation booths, internal doorways, temperature controlled lorries, Temporary or permanent partitioning, hospitals and agricultural buildings. The reason that PVC curtains are used in such areas is because they have such a wide range of benefits the most common being Reducing expensive fuel bills, Improving workplace safety, Improving working environment, Retaining heat and chilled air, Reducing noise levels, Reducing dust and fumes and Helping to exclude birds and vermin.

Roller Shutter Doors UK: Get More Out Of Doors

Roller Shutters are means of protection and maintaining privacy without really hampering air and sunlight enter your premises. Roller Shutters offer effective protection from vandalism and burglary and peace of mind for you and your family. Roller shutters offer the ultimate visual deterrent and a practical barrier to intruders when lowered, simply by pushing a button. When partially lowered the shutter acts as a blind, see picture below shielding the interior of your home from strong sunlight. Fully closed the shutters provide a total blackout and insulate your home against outside noise and the cold. The roller shutters and guides are made to measure from strong, corrosion beating aluminum and are available in a range of factory-coated colors which offer an attractive and durable finish eliminating the need for painting. In addition, all shutters can be equipped with an optional manual override to allow operation in the event of electricity failure. Apart from electronic operating Roller shutters, one could have choice of bottom slat key lock or internal shoot bolts employed to secure the curtain. However electric operation with automatic locking is often preferred especially in larger shutters and for multiple installations.

Roller Shutters finds their use in Industrial (**Industrial Doors**), Official and **Domestic Roller Shutters**. With the increasing need for security in the home has lead to an expansion in the market and the development of shutters that are both secure and attractive on a residential property. **Roller Shutters** are perfect for any garage, even garages with arched doorways, minimal headroom, or opening onto a short driveway. There are different types of architectural variations in Roller Shutter designs and operating mechanism most commonly being Swivel Belt Operated, Spring & Lock Operated, Electric Operated and Crank Operated

For manual operated external or internally fitted shutters a transverse key lock is used for locking purpose. This lock is built-in to the shutters bottom rail that is attached to the shutters curtain thus travels up and down with the shutter. Locking bars locate in pre-drilled slots in each side of the shutters guide rails, giving maximum security. With this type of lock it allows the shutter to be locked or unlocked from either side. Apart from manual other most popular and commonly operating mode is Electronic. Electronic Roller Shutters has ease in operations mode and security with only disadvantages being in cases of electricity trip off.

Roller Shutters for Efficient Business

Most businesses use Roller shutter doors in their units since they provide good protection, are economical and also do not occupy any precious ground space. Roller Shutter Doors consist of interlocking slats, which are hinged along their entire length. Roller shutter doors easily roll up or down with the help of side rollers. But it is important that they are fitted well and are not shaky. At Roller Shutter Doors, find Roller Shutters to suit your every need. Energy saving doors, fire doors, strip curtains, sectional overhead doors, Roller Shutters and more – Roller Shutter Doors is your answer for your entire door needs. Roller Shutter Doors offers you world-class quality and services at economical rates.

Roller Shutter doors provide maximum efficiency for businesses by providing high traffic flow and at the same time saving time. Roller shutters and its associated operating mechanism constitute a complete unit and can either be manually operated or power operated, depending on the size. Our roller shutter doors are designed to withstand extreme conditions of heat, dust and noise. With more than 40 years of experience in door business, Roller Shutter Doors has the expertise to meet your requirement for High quality roller shutter doors. Skilled technicians ensure high level of workmanship that gives every fitting, maximum functionality, style and safety. Replacement of parts is also easy. Door panels, tracks and hardware, bonding chemicals and other materials used, are also high quality and durable. Whether you need a faulty door fixed quickly or a door to be installed, we give innovative solutions at affordable prices.

If you are looking for world-class, high functionality Roller Shutters, look no further. Only Roller Shutter Doors provides you the best **Industrial Doors** UK. Rest assured that you would get only the best doors, suited to your specific needs. Reduce energy costs, create a comfortable working environment and improve productivity. Also be assured of functionality, safety and ease of use. Apart from roller shutters, find also a wide range of other doors and gates for your home or industrial use. We carry out constant research and development, to bring the latest technological innovations to you.

Get quotations for any door type, online by filling up a simple form. Receive a quote; compare the prices and the features before you decide. Once you have decided, just place the order for the door online. Your way to a sturdy and stylish roller shutters is really that simple. Visit www.kaiserdoors.com to learn more.

Advanced Doors-High Speed Doors

Conservation of energy is very important for mankind to improve productivity in this fast paced world. The exhaustion of the basic sources of energy is compelling the mankind to find new, innovative methods to reduce the unnecessary loss of energy. A high speed door or energy saving door is an important alternative that has been found by the most recent advancements in technology. These doors aid in conservation of energy that is lost by way of gaps in windows and doors of any unsealed home. This loss of energy is estimated to be around 12%. Fixing these doors will not only save energy, but also money and will add luxury to your life. However, these gaps are necessary in windows and doors for their proper functioning, i.e. for their proper closing and opening. But these gaps do allow rain, insects and dust to come in along with energy leakage. High speed doors are a great solution to all these problems.

There are many types of energy saving doors that are available at **Roller Shutter Doors** like PVC Strip Curtains, **High Speed Doors** and Kaiser Doors. Strip doors even control and influence temperature as they can warm air or trap cold, and prevent heat from escaping. These doors also ensure a clean environment that is free from air borne contaminants and dust. Also, they help to reduce noise and assure peaceful surroundings. Strip doors are actually the PVC strips that are mounted on the openings of doors. They offer perfect visibility, easy repair and are cost-effective.

There are several applications that have been introduced in PVC strip doors by Kaiser Doors Ltd. such as walk-in coolers, crane ways, loading docks, freezers and many more. The most advanced techniques, along with the finest quality material are used in these Kaiser doors, which also makes them durable. They require less maintenance and repair. **PVC Strip Curtains** are also used to make impressive entrances. High speed doors have an uncomplicated design structure, low maintenance, high speed working and are very effective, which all contributes to save energy. There are also rolling steel doors and many others that can be used for both residential and commercial purposes. Along with energy conservation, these high speed doors are also the best garage doors that can be made. For any further information and to order your best quality workmanship, designs of high speed doors and Roller Shutter Door, Doors, Industrial Doors Uk, log on to www.kaiserdoors.com.

More about Strip Doors and Their Added Advantages

Strip doors and strip curtains from Kaiser Doors are very popular and used in industrial and commercial applications like walk-in coolers, freezers, loading docks, conveyor openings, crane ways, noise barriers, and much more. Strip doors and curtains are very simple, and easy to set up, maintain, and repair. They are versatile and have the ability to adjust to a wide range of applications. Strip doors are actually overlapping PVC strips that are mounted in door openings. They can be used within or outer entrance of the factory. PVC strip curtains helps in reducing draughts, heat loss, airborne pests, pollutants and noise problems.

Some of the benefits of these curtains are that they are excellent noise barriers and therefore, help in creating better working atmosphere for the workers. These doors are cost effective and also help in energy conservation. Strip doors and curtains control the environment by entrapping the warm and cool air. Strip curtains permit visible access for vehicles and pedestrians.

Strip Doors and strip curtains from Kaiser Doors Ltd. are used in wide range of applications like pharmaceutical plants, dairies and bottling plants to hospitals, concert halls and supermarkets. They have got rounded edges and are made of self-extinguishing flexible PVC that does not support combustion process. Kaiser Doors manufacture a wide variety of roller shutter doors, fire doors, high-speed doors, **PVC Strip Curtains**, barriers, and roller shutter doors UK. All the products manufactured by the company are highly durable, reliable, and cost-effective. The company takes special care to satisfy its customers by offering world-class service to them.

If you are looking for suitable strip doors and curtains for your factory or industry, contact Kaiser Doors Ltd. Log on to their website - www.kaiserdoors.com to get more information on energy saving doors. You can also download specifications and order forms from their website. The site provides every detail regarding the price of these doors. Kaiser Door installs a wide range of loading bay equipment, including dock levelers, shelters, lighting, vehicle restraints, bumper supports, dock seals, and much more. A Kaiser Door gratifies the need for specialized doors that can support to special needs like fire safety and security purposes.

Loaded Kaiser Doors with More Features

Safety is a major concern today, especially when the crime rate is increasing at an alarming speed. Industrial and commercial sectors devise new ideas to improve their safety and security level. If you are looking for suitable doors for an industrial unit, then consult Kaiser Doors Ltd. They provide an unparalleled, full service capability in the supply, installation, repair, and maintenance of all types of commercial and industrial doors. Kaiser Doors offer their services to engineering, food processing, retail, and distribution sectors, from a simple door repair to fitting newly built factories.

Kaiser Doors manufacture wide range of roller shutter doors - fire doors, high-speed doors, PVC strip curtains, barriers, and roller shutter doors. Their roller shutter doors comprises of a curtain of interlocking slats. This curtain can be rolled up and down onto a revolving spring-loaded barrel mounted on steel support brackets. There are various options offered in the roller shutter doors – manual or power operated; powder coated and color variants; additional security features, and built-in pedestrian doors and vision panels. Kaiser's high-speed doors are used to control expenses on energy, along with noise and contamination levels. Their high operating speed helps in reducing energy costs with quick payback. Kaiser Doors provide a comfortable environment and improve efficiency due to markedly dropping operating times.

Kaiser's PVC strip curtains are also useful within or on the exterior entrance of a factory. These curtains reduce draughts, heat loss, airborne pests, pollutants, and noise. They enable visibility for pedestrians and vehicles, and are cost-efficient. If you are looking for suitable doors for your factory or industry, get in touch with Kaiser Doors. You can log on to their website www.kaiserdoors.com to get more information. You can even download specifications and order forms from their website. Kaiser Door installs a wide range of loading bay equipment, including dock levelers, shelters, lighting, steps, vehicle restraints, bumper supports, dock seals, so on.

Kaiser Doors offers high durable, reliable, and cost-effective products to its customers. You can get pricing details for each and every product from their website. The company believes in customer satisfaction. A Kaiser Door satisfies the need for specialized doors that can serve to special needs like fire safety, safety and security purposes. They are the best **Industrial Doors** to ensure safety for industrial establishments.

All about Roller Shutter Doors

Safety and security issues have become a topic of major concern all over the world in the present time. The ever-increasing level of crime has underlined the necessity for better security. A solution to this problem can be Roller Shutter Doors. These doors offer greater level of safety and security to places where they are installed. Roller shutter doors are very popular option when it comes to residential or commercial settings. These functional doors offer fail-proof security from theft, rain or pollution, while their contemporary designs make a trendy décor statement.

Roller Shutters are very strong, occupies less space, along with providing extra security to the place it is installed. These doors are manufactured from one of the finest material that makes them reliable as well strong. Roller shutter doors are in fact curtain with interlocking slats that form a continuous hinge. This particular set up aids in rolling the curtain up and down on a spring-loaded barrel. The entire arrangement is held up by steel support brackets. A bottom rail fitted to the curtain supports the curtain and permits the fitment of handles and locking devices. The side-channels or guides prevent the curtain from moving side-ways. The whole structure is bolted or welded to the main structure and the rolling device is enclosed in a canopy.

Roller shutter doors can be installed very easily and takes small amount of space only. These doors are very efficient and this makes them better than traditional doors. Kaiser Doors Ltd. offers a wide variety of roller shutter doors along with a huge range of fire doors, **High-Speed Doors**, PVC strip curtains, barriers, industrial doors, and so on. These roller shutter doors UK also give repair, installation, and maintenance of roller shutter doors. These doors provide answer to safety issues of people and are useful in providing a comfortable environment to work with.

Visit the website www.kaiserdoors.com to get more detailed information on roller shutter doors. By installing these doors you can overcome your safety problems for lifetime. The website deals with domestic roller shutters and all other kinds of energy saving doors. Browse through the site, select your favorite one, and order it. You can also get online quotation for roller shutter doors of any size, style or type.

Advantages of High Speed Doors

High Speed Doors, designed for fast closing and opening, are used mostly in industrial settings. These doors reduce energy costs, create a more conducive and quiet working environment and improve productivity. High speed doors are installed for various purposes like for internal use, freezer room, hygienic environment or in high wind conditions.

Like other **Roller Shutter doors**, High Speed Doors are curtain with interlocking slats that forms a continuous hinge. This arrangement helps to roll up or down the curtain on a spring-loaded barrel, held by steel support brackets. The doors are of two types - single skinned and twin skinned doors. High-speed doors also come in bi-parting designs. Bi-parting doors open horizontally from the center.

Kaiser Doors have special features like Draught Sealing, Multi Safety Devices and Control Box. They are also available in a range of color choices. Under the Draught Sealing feature in energy saving doors, a double row of side brushes seal the uprights reducing the play between the curtain and the guide and provide an excellent sound barrier. A flexible flap at the bottom of the apron gives the best possible match to an uneven floor surface.

The special Multi Safety Devices in Kaiser-Roll High Speed Doors constantly monitor to insure safe operation. Jamb-mounted dual safety electro-sensitive photocells do this monitoring. It prevents the curtain closing if some body has entered the opening. When the door operates, two warning lights flash. In case of power failure the door easily opened by hand by manually disengaging the clutch. Also, automatic or semi-automatic curtain override options are available by counterweight assistance in case of power failure.

In Control Box, Kaiser-Roll High Speed Doors have Telemecanique controls within a metal control box with key lock and IP55 sealing protection. Complete with cycle counter, they have emergency stop, automatic/manual switching and curtain ascent/descent buttons. The dimensions of Control box are 500 x 400 x 200mm. Polyester or stainless control boxes are available as an IP66 option.

Standard colors for the frame and curtain available are White, Royal Blue, Sky Blue, Cream, Dark Green, Yellow, Grey, Brown, Orange, Red and Black.

Kaiser Doors Limited undertakes full preparation, installation, wiring, commissioning and staff training as well as any required in-fills/flashings. All Kaiser-Roll parts free from manufacturer's defects for a period of 12 months from the commissioning date. The warranty also covers call out charges and fitting charges for replacement parts supplied under the warranty. Visit www.kaiserdoors.com for more information on these high speed doors and other **Industrial Doors.**

Most Advanced Roller Shutters

With the rising security issues, **Roller shutters** are now most commonly preferred doors in commercial, industrial as well as residential complexes. Roller Shutters are strong and provide extra security to the industrial and residential settings where they are installed. They occupy less space. These doors are also used as an interior décor element. These doors are also made for special purposes like to check fire in case of accidental blaze.

If you talk about the assembly of Roller Shutters, they are a type of curtain with interlocking slats, which forms a continuous hinge along the whole length. This arrangement in Roller Shutters helps roll up or down the curtain on a spring loaded barrel, which is held by steel support brackets. A bottom rail fitted to the curtain strengthens the curtain and allows for the fitment of handles and locking devices. The entire door is either bolted to the structure and the rolling mechanism is enclosed in a canopy hood.

The parts of Roller Shutters include Side plates, Canopy cover (optional), Barrel assembly, Helical coil springs (internal), Sprocket drive wheel, Drive chain, Chain sprocket, Hand chain, Chain locking keep, Channel guide, Fixing lugs, Curtain, Bottom bar, Ratchet and End locks.

Two types of Roller shutters are available -- single skinned and twin skinned roller shutter doors. **Roller Shutters UK** made for special purposes are marketed as Industrial Doors, fire doors, high speed door, Domestic Roller Shutters, PVC strip curtains, Sectional Overhead doors, Barriers and fencing. These shutters serve specific purposes. Roller shutter doors are coming with innovative features.

The **fire doors UK** are used to stop the spread of fire and smoke in case of a fire accident. The industrial shutters are used for security purposes. The **high speed doors** help in saving energy due to their high speeds and creating a comfortable working environment. **PVC strip curtains** help in reducing noise pollution reduce air and heat loss and reduces the movement of airborne pollutants, and help in maintaining a healthy working environment.

Business and domestic users are now using different roller shutters with latest features. Roller shutters come in different size and finish. They are power operated as well as operated manually. You should choose roller shutters as per your requirements and checking different features in it. Visit www.kaiserdoors.com for more information about Roller Shutter Doors.