



## Industrial Sectional Overhead Shutter Doors Brochure 2025



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# Our Commitment

**When selecting the ideal sectional overhead door, key factors such as safety, durability, customization, and aesthetics are essential. You need a dependable product that functions flawlessly in all conditions. It's crucial to choose a proven solution crafted to your specifications and delivered punctually.**



SSS's sectional overhead doors adhere to the highest British standards for safety and durability. They provide dependable access in a variety of applications and changing weather conditions, including temperature fluctuations, wind, and rain.

Our extensive selection of quality steel sectional overhead doors is available with or without windows, and can be customized to nearly any size and colour. With a multitude of combinations, these doors can seamlessly integrate into both industrial and commercial buildings. They are designed for easy operation, functionality, and enhancing the overall appearance of your premises.

This brochure offers a comprehensive overview of our models, materials, product variants, and specialty doors. With this information, you can collaborate with your sales advisor to define the specifications of your door. We also provide competitively priced, high-quality solutions for your exterior door openings.

# Guaranteed Quality

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## Flexible

Our sectional overhead doors are made from Kingspan composite steel, allowing you to customize the format, functionality, and appearance to your preferences. Indupart's sectional overhead doors are available in any RAL colour.

## Durable

You need a sectional overhead door that fully meets your requirements and operates flawlessly for many years. Our door panels are expertly protected against corrosion by using high-quality, galvanized, and coated materials. This ensures a long lifespan, even in extreme weather conditions.

## Certified

To ensure the quality and safety of industrial doors, the European Commission has established guidelines outlined in the EN 13241-1:2003 standard. All of our sectional overhead doors comply with the requirements of this CE NEN standard, as verified by the accredited SP Technical Research Institute of Sweden.



Raising Standards  
Safety Assured

# Guaranteed Quality

## Reliable

Our sectional overhead doors are manufactured at our Bolton production facility. For over 30 years, we have been delivering high-quality doors from our own factories, adhering to agreed specifications and delivery timelines. We maintain high quality standards through product innovation and rigorous internal quality control, establishing ourselves as the market leader in the UK.

## Long Life

With an extra thick, galvanized, and coated steel skin, our doors are exceptionally protected against deformation and corrosion. You can be confident that your door will provide long-lasting performance.

## High Insulation Value

Our sectional overhead doors feature 40-millimeter thick steel sandwich panels (80mm options are also available). The male-female design allows for a nearly seamless fit. Both the front and back skins of the panels are constructed from extra thick steel, separated by Kingspan's unique firesafe foam for optimal insulation.

## Made to Measure

We manufacture our sectional overhead doors to your exact specifications, ensuring precise sizing and on-site assembly and installation. If needed, our doors can be equipped with a wicket door and/or windows. They can be operated manually, semi-automatically (with a chain hoist), or fully automatically (with a GFA operator).



# Guaranteed Quality

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## Tracks

SSS's tracks are custom-made from high-quality galvanized steel. Each track is designed and manufactured to fit every sectional overhead door precisely in our factory. The quality of the track significantly influences the lifespan of your sectional overhead door. The roller carriers are adjustable and, along with the intermediate panel hinges, are constructed from hot-dipped galvanized steel. The rollers that glide within the side track feature sealed-for-life, self-lubricating bearings with nylon tires, ensuring smooth and quiet operation.

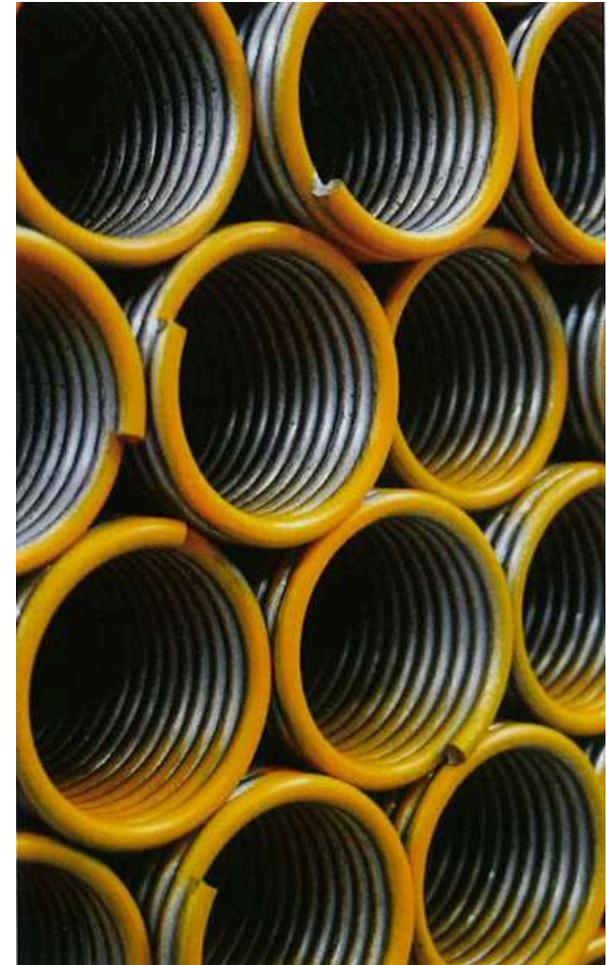
## Springs, Hoisting Cables & Hardware

Steel lifting springs and cables are utilized to open and hold the sectional overhead door in place. These high-quality springs are built for durability, having been shot blasted, powder coated, and oiled before delivery. For doors that see frequent use, specialized springs are available. The hoisting cables are designed with six times the necessary strength for added safety.

## Operating Equipment

The sectional overhead door can be operated manually, with a chain hoist, or by an electric motor. We can provide guidance on the options available and the benefits of each operating method.

A track system is essential for the operation of a sectional overhead door, facilitating both its opening and closing. This system includes a series of rails, springs, and operational components. The track system embodies the quiet strength that underpins every sectional overhead door.



## **Spring Brake Device**

In the event of a spring failure in the track system, such as when a spring reaches the end of its lifespan, the overhead door may close suddenly and at high speed. This poses a significant danger, particularly for manually operated doors. To mitigate this risk, all overhead doors are equipped with a standard spring brake device. If an alternative mode of operation is desired, the spring brake device can be installed as an optional addition.

## **Cable Break Safety Device** (Recommended)

While it is rare for one of the cables in the guide rail system to break, doing so can create unsafe conditions when opening or closing the door. To minimize the risk of cable failure, we use cables that are over-dimensioned by six times, significantly reducing the likelihood of both cables breaking simultaneously. Although the installation of a cable break safety device is not mandatory when using our cables, Indupart includes it as a standard feature for added safety.

## **Safety Edge & Light Curtain**

For added safety on electrically operated overhead doors, a safety edge or light curtain can be installed. With the safety edge, the door will automatically stop and reverse if it comes into contact with an object while closing. The light curtain provides protection for the entire door opening, ensuring that if a person or object is detected in the path of the closing door, it will automatically reopen.

## **Safety Edge**

You can opt for a safety edge on electrically operated overhead doors to enhance safety. If the door is closing and an object or person is underneath, the safety edge will automatically stop the door.

## **Finger Protection**

Finger protection is mandatory (as per CE standards) for overhead doors up to a height of 2.5 meters (measured at the pivot point of the top section). While finger protection is not required for taller sectional overhead doors, it is recommended for added safety.

# Door Safety



Description	Compulsory	Recommended
Spring break safety device	For manually operated doors and doors operated by a chain hoist	Always
Cable break safety device	If the cables are less than six times over-dimensioned	Always
Slack cable safety device	For electrically operated doors	Install 2 per door
Safety edge	Not compulsory	For safety and ease of use
Smart lock device	Not compulsory	For security and smaller doors
Finger protection	If the pivot of the top section is below 2500mm	Always

## Performance

Our doors are designed to comply with BS EN 13241-1:2003 + A1: 2001 standards. They have passed the following tests:

- Mechanical Aspects (BS EN 12604)
- Safety Requirements for Power Operated Doors (BS EN 12453)

These certifications are provided by recognized testing authorities.

The doors achieve a Wind Pressure rating of Class 3 (BS EN 12424), with options for higher wind load classes available upon request. The Manual Opening force has passed all requirements.

For Water Penetration, the doors are rated Class 3 (BS EN 12425), while Air Permeability is rated Class 2 (BS EN 12426), offering an airtightness of  $12\text{m}^3/\text{m}^2\text{h}$  at a pressure of 50Pa.

The Air Leakage rating is Class 3, and the Acoustic Rating is 25dB. All doors are CE marked and come with the manufacturer's declaration of conformity.

## Door Panels

Our door panels are made from Kingspan 610mm x 40mm thick composite panels, featuring a 0.45mm outer layer and a 0.4mm liner. These panels are constructed from continuously hot-dipped, zinc-coated structural steel, with internally mounted steel bands designed to accommodate self-tapping fixings. They are insulated with Kingspan's unique Isophenic (IPN) Core, which provides excellent fire performance as standard and achieves a panel 'U' value of  $0.51\text{ W/m}^2\text{ K}$ . For a typical door size of 4000 x 5000mm, this results in a 'U' value of  $0.9\text{ W/m}^2\text{ K}$ . Enhanced 'U' values can be obtained using 80mm Kingspan composite panels upon request.



## IPN Fire Safe Door Panels

All SSS industrial sectional overhead doors come standard with an Isophenic (IPN) insulated core.



The **FIREsafe** core offers exceptional fire performance for sandwich panels, classified as B-s2, d0 according to EN 13501-1:2007+A1, the European standard for construction products and building elements. It also meets Fire Class M1 ('non-inflammable') standards in France.

To clarify, the classification B-s2, d0 indicates the following:

- B: Reaction to fire behavior
- s2: Smoke production classification
- d0: Flaming droplets/particles classification

In the initial stages of a fire, the Isophenic (IPN) core swells slightly, filling any gaps between the steel faces and forming a protective char. This unique chemical formulation enhances the Kingspan Door Components panel's resistance to ignition, making it self-extinguishing and producing less smoke compared to other products.

The panel utilizes the same proven formulation that Kingspan has employed in its roof and wall panels for years, ensuring compliance with insurance approval standards such as Loss Prevention Standard (LPS) 1181 and Factory Mutual (FM) 4880.

## Optional Extras

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Looking to enhance natural light in the area behind your sectional overhead door or to enjoy a view outside? You can easily add one or more windows to your sectional overhead door.

With SSS's sectional overhead doors, you have the option to choose insulated, oval, or rectangular windows. To maximize illumination, you can opt to glaze the entire width of the door by combining standard 40mm steel panels with aluminium panoramic window sections. This not only allows more light to flood in but also gives your sectional overhead door a stylish industrial look.



**As anticipated, SSS provides a diverse selection of optional extras, including but not limited to double-glazed windows, integrated personnel doors within the main door, and various door safety accessories.**



# Colour Options

**Please note: the colours displayed here are for reference purposes only, as variations in the printing process may occur. The final product may differ slightly from what is shown in this document. For a more accurate representation, please reach out to our sales office.**



# Plastisol 610mm Colours

01. Sunflower Yellow (Aztec)

BS 10E55

02. Flame Red (Poppy)

BS 04E53

03. Sapphire Blue (Sargasso)

RAL 5003

04. Khaki Green (Moorland)

BS 12B21

05. Olive Green

BS 12B27

06. Leaf Green (Heritage)

RAL 6002

07. Van Dyke Brown

BS 08B29

08. Goosewing Grey

BS 10A05

09. Merlin Grey

BS 18B25

10. Cornflower Blue (Solent)

BS 18E53

11. Azure Blue (Ocean)

BS 18C39

12. Juniper Green

BS 12B29

13. Signal White

RAL 9003

14. Anthracite

RAL 7016

These colours are only available on 610mm Deep Panels

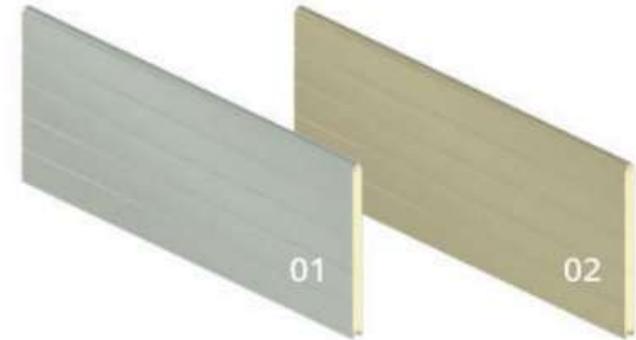


# Plastisol 500mm Colours

- 01. Gull Grey  
BS 18B17
- 02. Mushroom  
BS 10B19

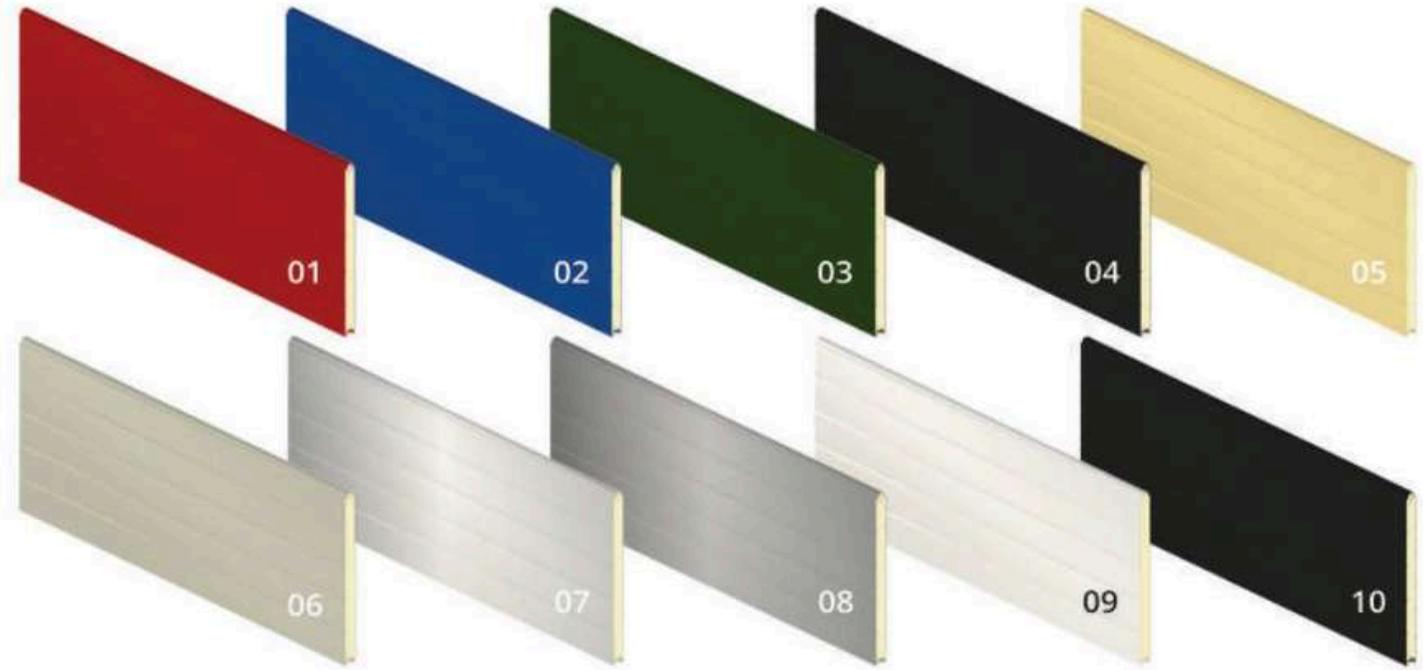


These colours are only available on 500mm Deep Panels



# Polyester Colours

- 01. Sunset Red  
RAL 3000
- 02. Gentian Blue  
RAL 5010
- 03. Fir Green  
RAL 6009
- 04. Anthracite  
RAL 701 6plus
- 05. Ivory  
RAL 1015
- 06. Bone (Grey) White  
RAL 9002
- 07. Grey Aluminium  
RAL 9007plus
- 08. Silver  
RAL 9006plus
- 09. White  
RAL 9010
- 10. Black  
RAL 9005





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