

Crawford  
542 Overhead sectional doors



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# Crawford

## 542 Overhead sectional doors

### Customer needs in focus

The Crawford 542 is an overhead sectional door designed to be used in applications like warehouses, logistics centres and all kinds of production plants. The design is optimal for customers who need robust, well-insulated and space-saving doors in the outer walls of industrial premises. The sectional door slides up under the roof when opened, allowing free space around the door opening and leaving it completely free.

A high quality, 42 mm thick, sandwich panel provides good insulation values and corrosion protection. This, together with a number of operational options, means that the Crawford 542 meets practically every individual demand.

In addition, the Crawford 542 is designed to meet all operational and safety requirements in the European Directives and the standards issued by the European Standardization Committee, CEN.

### Modern panel design

The Crawford 542 sandwich panel has a microrilled design, which in combination with a glossy colour finish gives the door a modern, attractive and unique appearance.

### Colours

The Crawford 542 is available in 8 standard colours (see page 5).

The inside standard colour is off-white (RAL 9002). Optional colours are available on request.

### Glazing

Glazing alternatives vary from full-vision panels to individual windows in a rectangular or oval shape. The windows are available in acrylic or hardened glass.

### Pedestrian traffic

For safety reasons we recommend separating pedestrian and vehicle traffic by installing a pass door next to the overhead door.

Should building space not permit such a separation, an integrated pass door is available.

### Technical facts

**Standard size up to (W x H)<sup>1</sup>**  
5500 x 5500

**Panel thickness**  
42 mm

**Colour outside, pre-coated**  
8 Standard  
see page 5

**Colour inside, pre-coated**  
RAL 9002

**Windows, optional**  
See page 6

**Pass door, optional**  
see page 6

### Access and Automation, optional

**Wind load<sup>2</sup>, EN12 424**  
Class 3 < 4250 x 4500  
Class 2 > 4250 x 4500

**Thermal transmittance<sup>3</sup>, EN12 428**  
Full panel door 1.0 W/(m<sup>2</sup>K)  
With windows and pass door 1.1 W/(m<sup>2</sup>K)

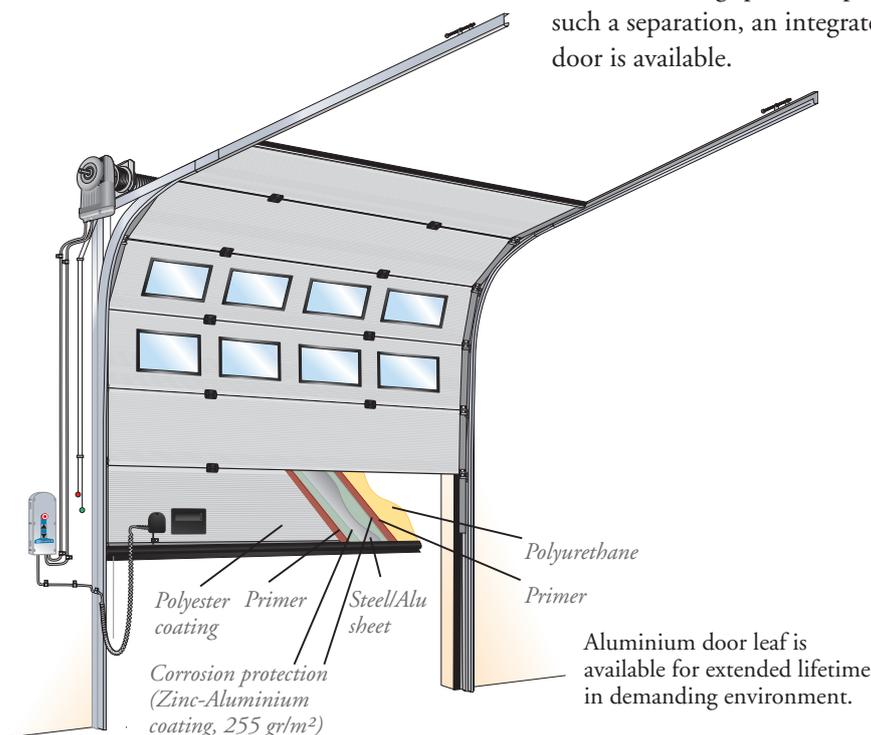
**Water penetration<sup>3</sup>, EN12 425**  
Class 3

**Air permeability<sup>3</sup>, EN12426**  
Class 2

<sup>1</sup> Other sizes on request

<sup>2</sup> Higher wind load classification on request

<sup>3</sup> Door size 4000 x 4000



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*Standard lift*



*Vertical lift*



*High lift*



*Low lift*

### Security

The Crawford 542 is equipped with a lock bolt, prepared for a padlock, as standard. Cylinder locks as well as various other security features are available as options.

### Inside – no protruding parts

The inside of the Crawford 542 has no protruding parts where tools could be misplaced, causing injuries when the door is opened.

When inside reinforcements are required, e.g. when a pedestrian pass door is integrated in the main door, the design of the reinforcement is made in such a way that the risks above are reduced.

### Finger pinch protection

The horizontal joints between the door sections are designed in such a way that fingers cannot be pinched during door movement.

### Drop-down protection

Crawford 542 is equipped with two special anti-drop devices as standard. They prevent the door from coming down in case of a spring or cable break.

### Hardware

Hardware is the collective name for the wall and roof tracks. Different types of hardware are available to accommodate the best installation at your site.

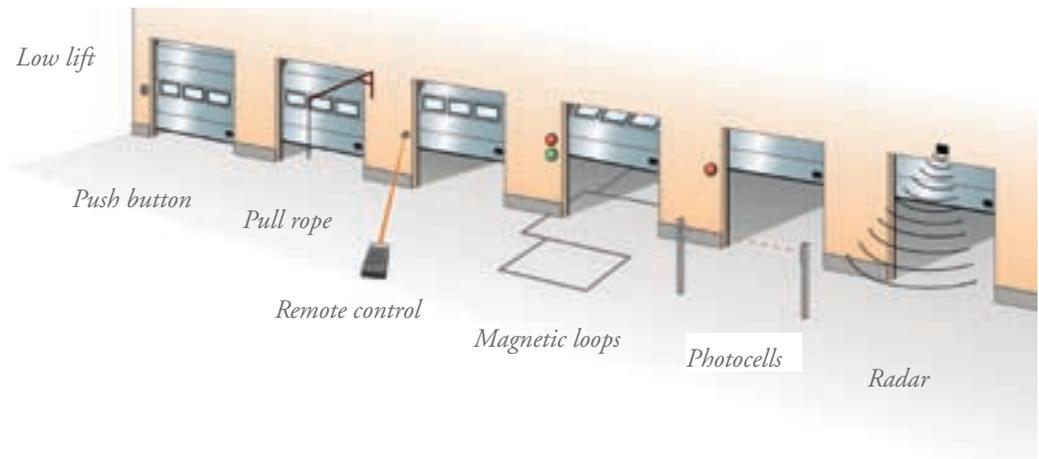
Standard lift is suitable for most buildings. Vertical and high lift designs utilise excess height of the wall above the door opening to save internal height in the building. Low lift is suitable for doors with limited headroom above the door opening.

### Access and automation

Access to a building can be arranged in different ways: general or limited – permanent or temporary.

A number of manual and automatic control systems for opening and closing commands are manufactured and supplied by Crawford.

The safety level in these systems is determined by the environment in which they shall be installed.



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*Finger pinch protection*



*Panel design*



*Spring break device*



*Cable break device*



*Lock bolt*

### Colour guide

#### Improved working environment

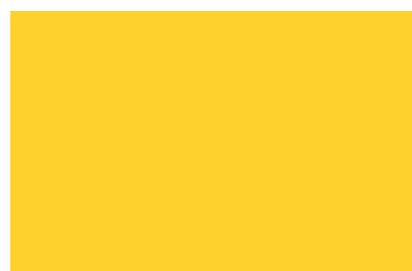
The top seal, bottom seal, side seals and intermediate seals between the door sections provide good tightness, thus lowering energy costs and improving the inside working environment.

#### Colours, pre-coated

The Crawford 542 is available in 8 standard colours. The inside standard colour is off-white (RAL 9002) Optional special colours are made to order.



PS 24W /RAL 3002



PS 28W /RAL 1021



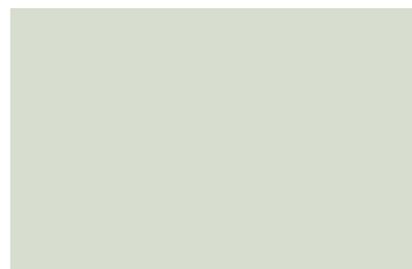
PS 20W /RAL 5010



PS 38W /RAL 7016



PS 21W /RAL 9010



PS 23W /RAL 9002



PS 25W /RAL 9006



PS 29W /RAL 6005

Colour differences may occur due to different printing methods.

## Options



### Pass door

An integrated pass door is available in the same colours as for the Crawford 542. Windows can be inserted.

The pass door can be equipped with various types of cylinder locks.



### Full vision sections with windows

Several different types of windows in single or double acrylic (frosted or tinted) or hardened glass are available.



### Windows

Several variations of windows in different materials with burglar resistant frames are available.



### Assisted manual operation

Two different types of chain hoist are available depending on door weight.



*Cylinder*



*Electrical*

### Cylinder/Electrical Locks

Complete lock including handle and cylinder for both sides or inside only. Any door equipped with an electrical lock can be remotely locked by means of a switch or via a PC. The lock mode can be monitored.

**Crawford is a leading international provider of door and logistics solutions. The carefully selected programme of doors and dock loading equipment, combined with profound application know-how and an unparalleled service offering, is the reason why more than a million customers have chosen Crawford as the preferred supplier for trouble-free operation around the clock.**

