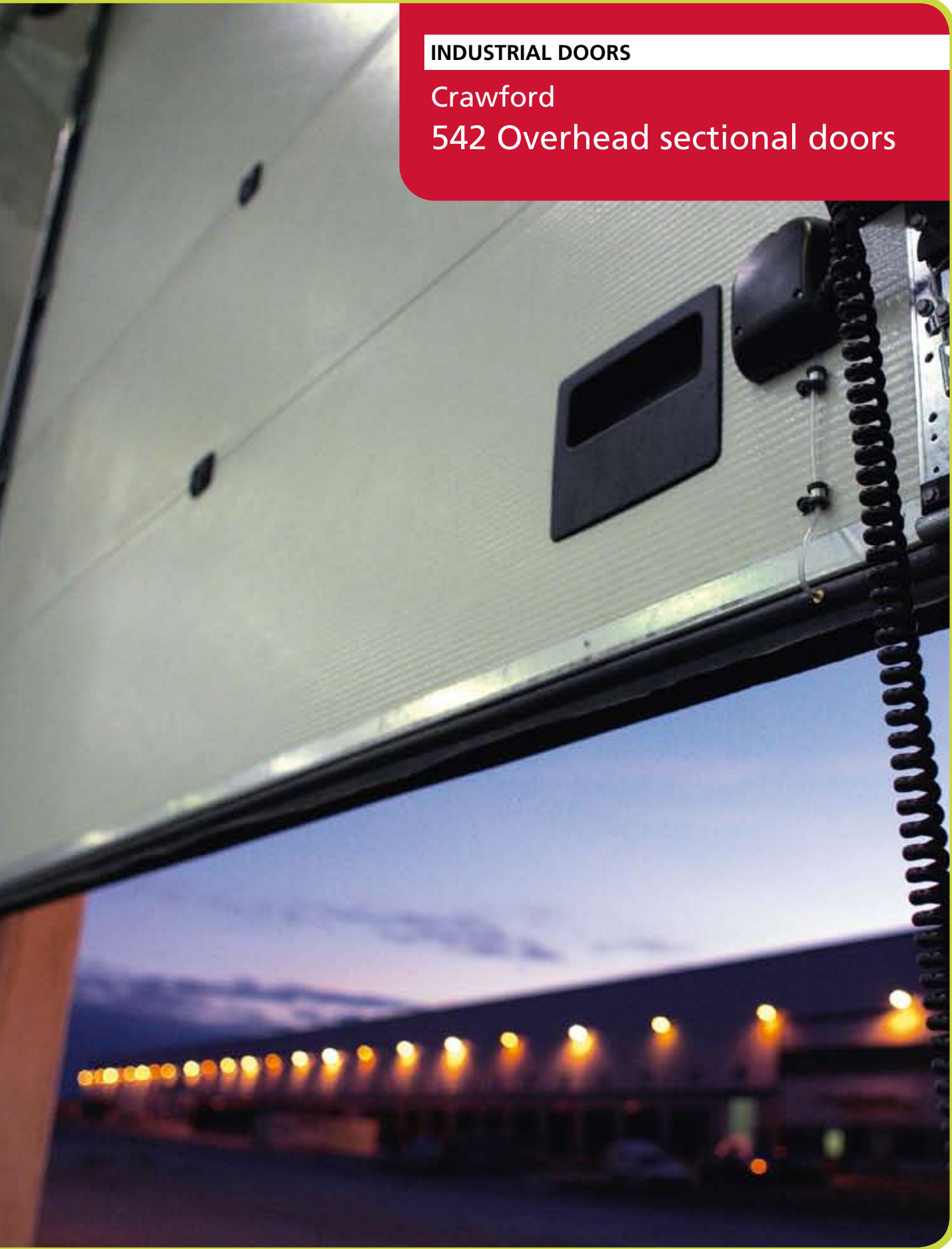


INDUSTRIAL DOORS

Crawford

542 Overhead sectional doors



Crawford
542 Overhead sectional doors



Customer needs in focus

The Crawford 542 overhead sectional door 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 overhead sectional door meets practically every individual demand.

In addition, the Crawford 542 overhead sectional door 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 overhead sectional door sandwich panel has a micro-rilled design, which in combination with a glossy colour finish gives the door a modern, attractive and unique appearance.

Colours

The Crawford 542 overhead sectional door is available in 8 standard colours.

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

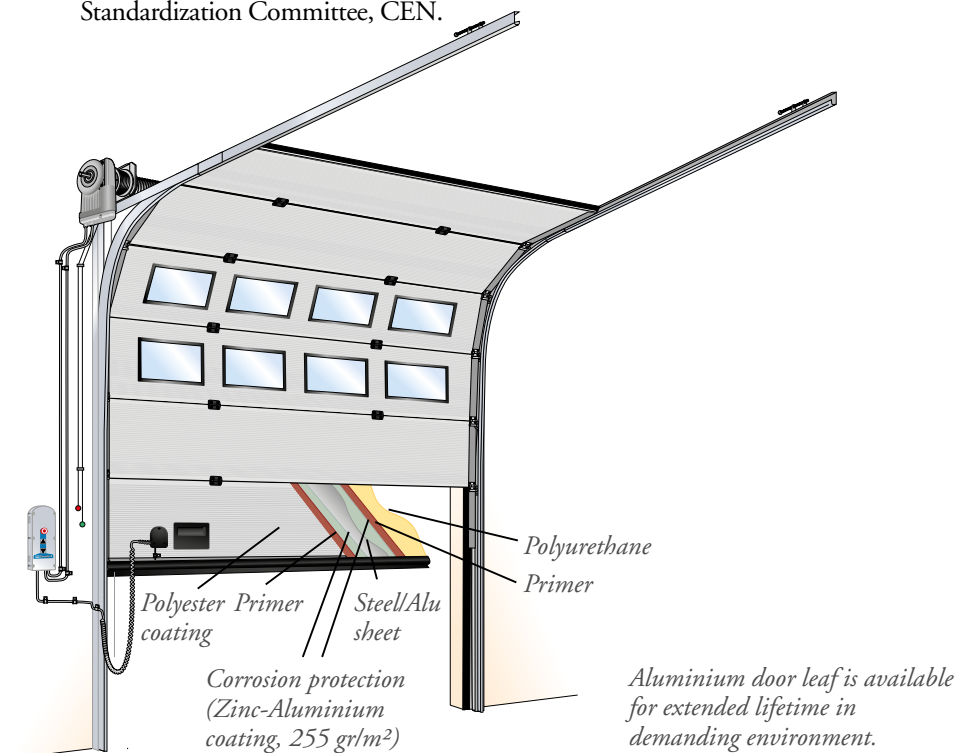
Glazing

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.

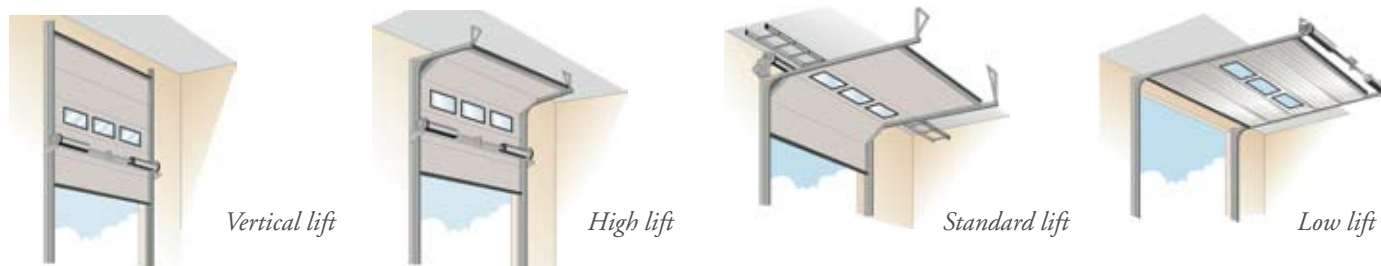
Should building space not permit such a separation, an integrated pass-door is available.



Technical Data

Standard size up to (W x H) ¹	5500 x 5500
Panel thickness	42 mm
Colour outside	8 Standard
Colour inside	RAL 9002
Windows	optional
Pass-door	optional
Access and Automation	optional
Wind load, EN12 424 ²	
Class 3 DLW	< 4250
Class 2 DLW	> 4250
Thermal transmittance ³ EN12 428	
Full panel (steel) door	1,0 W/(m ² K)
Full panel (aluminium) door	1,1 W/(m ² K)
Water penetration, EN12 425 ⁴ class 3	
Air permeability, EN12 426 ⁴ class 2	
¹ Other sizes on request	
² With or without pass-door. Higher wind load classification on request	
³ Door size 4000 x 4000	
⁴ With or without pass-door	

Crawford 542 Overhead sectional doors



Security

The Crawford 542 overhead sectional door 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 overhead sectional door 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 overhead sectional door is equipped with two special an-

ti-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.

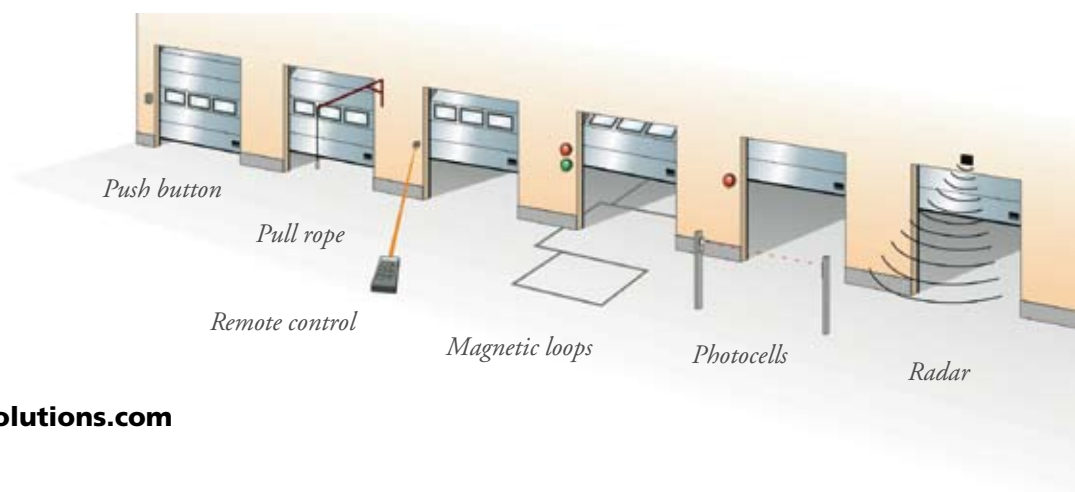
The safety level in these systems is determined by the environment in which they shall be installed.

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

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





Finger pinch protection



Panel design



Spring break device



Cable break device



Lock bolt

Logistic application

Crawford provides you with complete dock loading solutions, including the door for logistic applications, dock levellers and shelters, load houses and the control systems adherent to them.

Logistic facilities are the heart of the distribution network. Security is vital.

Crawford offers a number of security options, eg antilift device and narrow window to prevent burglary.

Colour guide



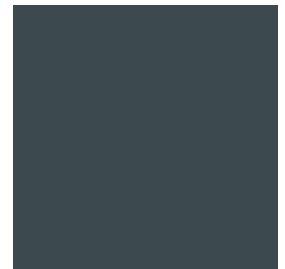
PS 24W /RAL 3002



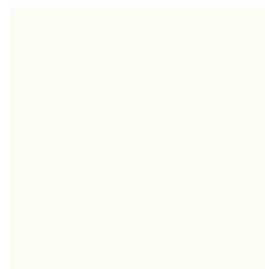
PS 28W /RAL 1021



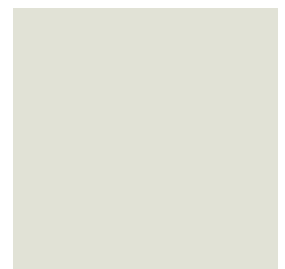
PS 20W /RAL 5010



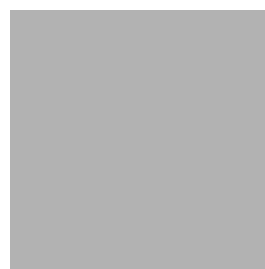
PS 38W /RAL 7016



PS 21W /RAL 9010



PS 23W /RAL 9002



PS 25W /RAL 9006



PS 29W /RAL 6005



Crawford

542 Overhead sectional doors

Options



Pass-door

An integrated pass-door is available in the same colours as for the Crawford 542 overhead sectional door. Windows can be inserted. The pass-door can be equipped with various types of cylinder locks.



Full vision panels 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. 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.

Crawford Group AB
Roskildevägen 1
P O Box 171
201 21 Malmö, Sweden

Phone: +46 (0)10 47 47 100
Fax: +46 40 12 81 84
info@crawfordsolutions.com

www.crawfordsolutions.com

