

Crawford
242 Overhead sectional doors



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Customer needs in focus

The Crawford 242 is a glazed sectional overhead door, designed to be used when there is a need for light, exposure, or vision. Typical applications are showrooms, firestations, or other applications where optimal daylight and/or exposure possibilities are desirable.

The sectional door slides up under the roof when opened, allowing free space around the door opening and leaving it completely free.

The glazed sections are made of extruded, anodised or painted aluminium and are equipped with single or double acrylic windows (frosted or tinted) or hardened glass.

In addition, the Crawford 242 is designed to meet all operational and safety requirements in the European Directives and the standards issued by the European Standardization Committee, CEN.

Modern section design

The aluminium frames of the Crawford 242 are anodised or painted. The door can be fully glazed or delivered with a micro-ripped bottom panel which gives the door a modern, attractive and unique appearance.

Glazing

The frame construction can be filled with windows or sandwich panels. The bottom section is available either as a sandwich panel or frame construction.

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)¹
5500 x 5500

Frame thickness
42 mm

Filling thickness
27 mm

Bottom section thickness
42 mm

Colour
Standard: Anodised aluminium
Optional: Unlimited

Windows
Single or double, acrylic or hardened glass

Pass door, optional
see page 6

Access and Automation, optional

Wind load², EN12424
Class 3 < 4050 x 4500
Class 2 > 4050 x 4500

Thermal transmittance³, EN12428
3.3 W/(m²K)

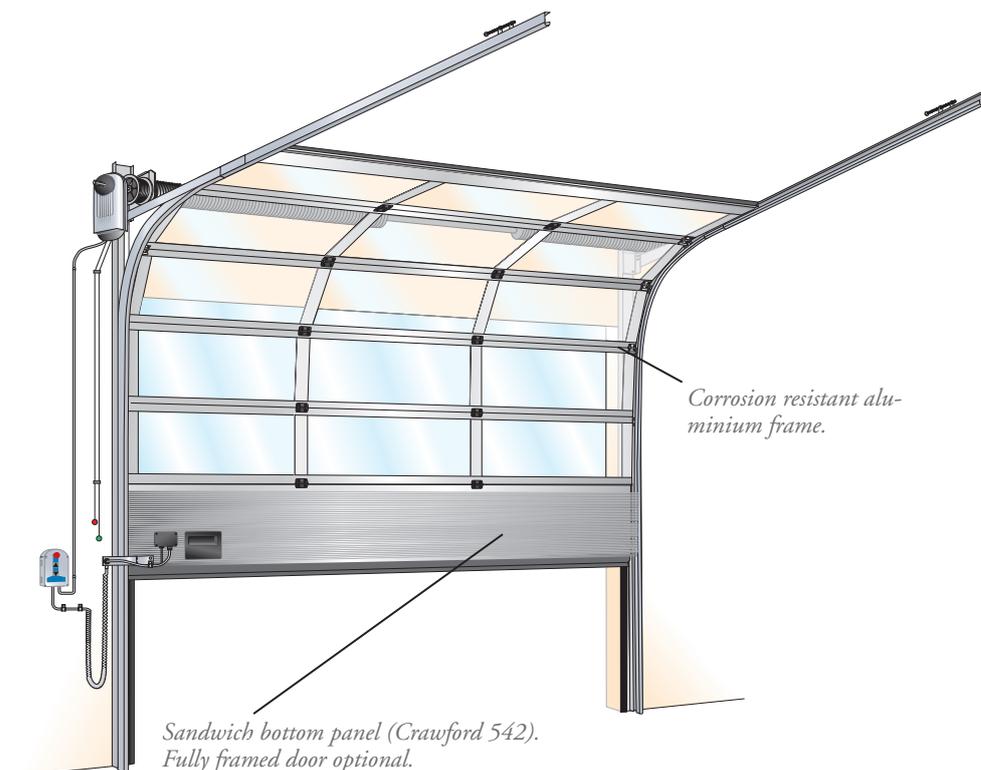
Water penetration³, EN12425
Class 3

Air permeability³, EN12426
Class 2

¹ Other sizes on request

² Higher wind load classification on request

³ Door size 4000 x 4000 with pass door.



Crawford

242 Overhead sectional doors



Standard lift



Vertical lift



High lift



Low lift

Security

The Crawford 242 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 242 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 242 is equipped with two or more 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.

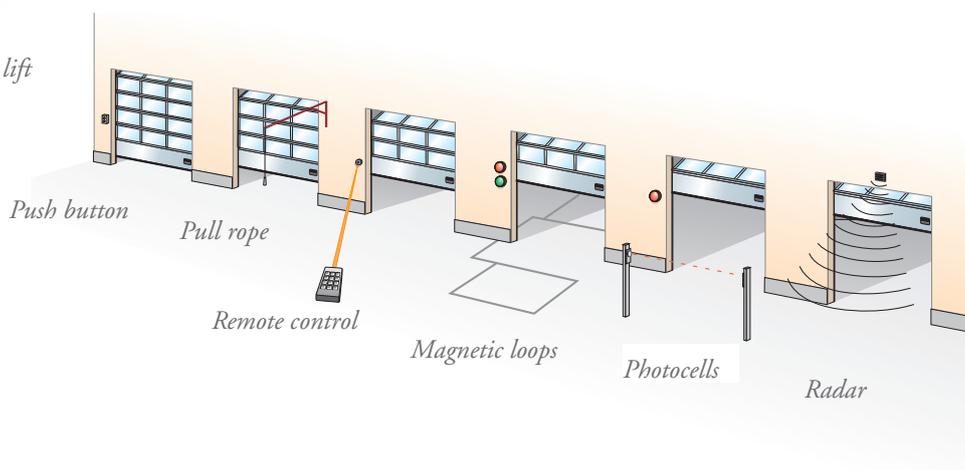
Standard lift is suitable for most buildings. Vertical and high lift are designed to utilise excess height of the wall above the door opening to save internal height in the building and low lift for premises with limited headroom above the door opening.

Access and automation

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

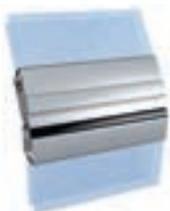
A number of manual and automatic control systems for opening and closing commands are manufactured and supplied by Crawford.

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



Crawford

242 Overhead sectional doors



Finger pinch protection



Hinge design



Spring break device



Cable break device



Lock bolt

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 outside and inside standard colour of the Crawford 242 fully glazed sections is anodised aluminium. The Crawford 242 is available in every RAL colour, for example the eight colours depicted here.



PS 24W /RAL 3002



PS 28W /RAL 1021



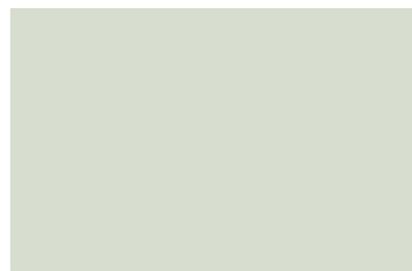
PS 20W /RAL 5010



PS 38W /RAL 7016



PS 21W /RAL 9010



PS 23W /RAL 9002



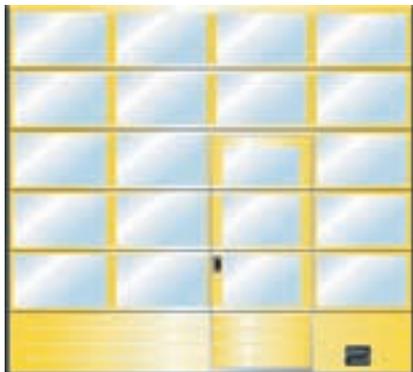
PS 25W /RAL 9006



PS 29W /RAL 6005

Colour differences may occur due to different printing methods.

Options



Pass door

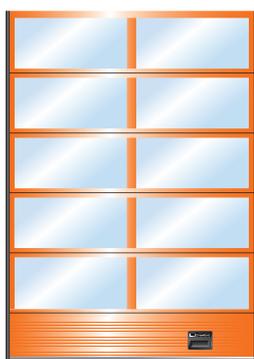
An integrated pass door is available in the same colours and windows as for the Crawford 242. The pass door can be equipped with various types of locks, electrical and cylinder.



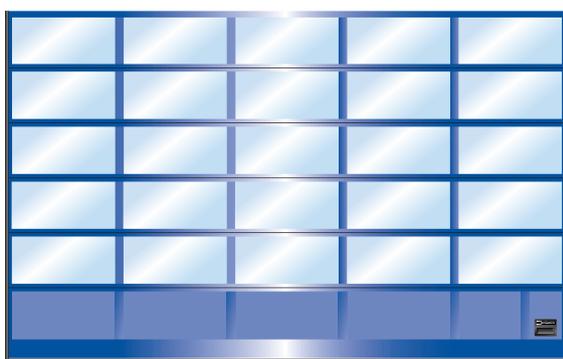
Windows

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

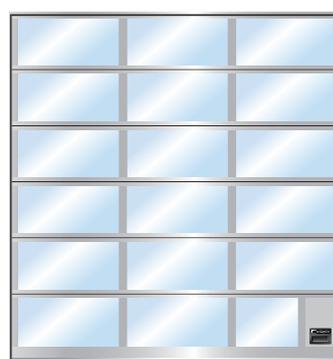
Alternative window solutions



With sandwich bottom panel



Frame door with insulated fillings in bottom section



Fully glazed frame door



Assisted manual operation

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



Inside



Outside

Cylinder Locks

Complete lock including handle and cylinder for both sides or only inside.

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.

