

CITADEM

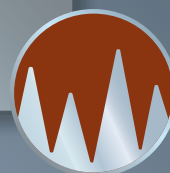
Burglary Protection Solution

SECURITY ENCLOSURES



Certified Burglary-Resistance

- ECB•S
- EN 1143-1
- Grades II, III & IV



CITADEM

Burglary Protection Solution

Within sectors such as retail, banking and site protection, there is often a need to reinforce the existing structure of a room in order to provide burglary protection for the items within. A cash-counting room, an archive or a storeroom with valuable items are just some examples of areas requiring a secure storage solution. That is why Fichet-Bauche has designed Citadem – graded modular security enclosures which can be built to meet your exact dimensional requirements.

Did you know?

Citadem's light panels reduce transportation costs and ease installation, but still provide certified burglary-resistance.

Product Overview

Citadem is a range of certified modular vault doors and panels which can be built to create a vault room or secure enclosure in your existing premises.

Flexibility

Citadem is incredibly quick and easy to assemble. The door and wall, ceiling and floor panels fit together using a new bolting technique. This not only saves on installation time and costs, but it also allows Citadem to be modified at a later date, i.e. if an extension is required or if the security enclosure needs to be moved or adjusted.

Reduced Weight

Importantly, Citadem vault panels are extremely light in weight. This not only offers advantages when transporting and installing, but also means a security enclosure can be located on an upper floor of a building where maximum floor loads are often limited.

Customisable

Provided the security enclosure meets a minimum size requirement, the customer is not restricted to installing a room based on a standard set of dimensions. Its modular construction means that Citadem can be built to match each customer's exact requirements, be it a private panic room or an enclosure for an ATM machine, for example.

Burglary Protection

Citadem security enclosures meet the requirements of the internationally recognised EN 1143-1 standard and is certified by ECB•S (European Certification Board•Security Systems) in the burglary-resistance classes Grade II, III and IV (for six-sided rooms only).

In addition, the security enclosure has been awarded a Level 4 resistance level in accordance with EN 1627-1630. It also offers ballistic protection against certain guns and rifles, having been certified level FB4 in accordance with EN 1522.

Burglary Testing Procedure

In order to obtain the EN 1143-1 classification, Citadem has been subjected to a series of stringent break-in tests using a variety of tools, such as drills, sledge hammers and oxyacetylene torches. Points are awarded according to the length of time each break-in attempt takes and the total number of points determines the grade of the security enclosure.

Test Verification

Once tested, products are analysed by the test laboratory in order to verify that they correspond to the technical drawings delivered prior to the test.

In addition, Fichet-Bauche carries its own lifecycle tests to ensure the long-term reliability of the product.



Monéo S & V



Nectra



Ev'Hora

Locks

In order to suit different security requirements, Citadem security enclosure doors are designed to be fitted with a variety of locking systems. Thanks to Fichet-Bauche's patented mechanical and electronic locks, all of which are A2P/EN 1300 certified, your valuables are given the protection they require.

The MxB – level B/E – is a high-security mechanical lock. Due to the innovative shape and design of the key, over 10 million different possible keys can be manufactured, making replication extremely difficult.

The MC4 – level A/E – is a mechanical combination lock capable of allowing 28 000 different codes.

The Moneo S and V are mechanical combination locks – level C/E – which permit several million different codes. The scramble-upon-opening feature ensures that the dials are automatically reset to 0 after being used.

The Nectra electronic lock – level B/E – generates more than 110 million different code combinations and offers several levels of functionality. The standard version has 1 master code and 7 user codes, wrong-code blocking, time delay and a duress alarm. This can be upgraded with the audit trail function (which records up to 500 events) and a biometric digital fingerprint reader.

The Ev'Hora electronic lock – level B/E – is designed to be used as part of your security network. Ev'Hora locks are capable of exchanging and sharing information with one another and with your system, enabling you to rapidly modify security procedures.

Design

For constructions of a certain maximum size, Citadem security enclosures can be delivered ready assembled. This saves considerably on installation time and costs. For more information on this option, please contact your vendor.

The Citadem door comes pre-painted as standard. It can be painted on site at the client's request.

The security enclosure panels are delivered in raw steel, ready to be painted or covered with decorative panels on site at the client's request. Pre-painted or galvanised steel available as an option.

Optional Features

- Grille gate
- Air vents
- Cable pipe duct

Fichet-Bauche Guarantee

Fichet-Bauche products are designed and manufactured in accordance with the ISO 9001 standard for Quality Management Systems, ISO 18001 for Occupational Health and Safety Management Systems and ISO 14000 for Environmental Management Systems. All Citadem components are tested by the Fichet-Bauche laboratory in compliance with the current European standards.

SINGLE LOCK

MxB, Nectra

LOCK COMBINATIONS

MxB + Moneo

MxB + MC4

MxB + Nectra

MxB + Ev'Hora

Nectra + Moneo

Nectra + MC4

Oxyacetylene torch



Sledgehammer



Drill



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Technical Specifications

Citadem security enclosure doors

Dimensions						
Door width (clear opening in mm)	750	900	1050	1200	1350	1500
Door thickness (mm)	75	75	75	75	75	75
Door weight (kg) (door within a room): Grades II & II	490	600	710	820	930	1040
Door weight (kg) (door within a room): Grade IV	580	700	820	935	1050	1170
Door weight (kg) (stand-alone door): Grades II & II	675	785	895	1005	1115	1225
Door weight (kg) (stand-alone door): Grade IV	685	800	935	1070	1200	1335

Citadem security enclosure panels

Dimensions (mm)				
Width	300	600	750	900
Thickness	75	75	75	75
Height	2240	2240	2240	2240
Weight (kg) Grade II	69	137	171	206
Weight (kg) Grade III	73	146	182	219
Weight (kg) Grade IV	121	242	302	363
Floor load	Floor load depends on the size of the enclosure.			

Minimum enclosure measurements

Dimensions (mm)	
Ext height (A)	2290
Ext width (B)	2445
Ext depth (C)	1545
Inner height (D)	2140
Inner width (E)	2295
Inner depth (F)	1395
Weight (kg)	3000

The measurements specified are the minimum dimensions for a certified Citadem security enclosure. They are based on a Grade III enclosure and a door with a clear opening width of 900mm. Larger enclosures can be made to order. For extra large dimensions, an additional frame structure may be required to support the walls and/or ceiling.

