

# OPTURA

Burglary Protection Solution

VAULT DOORS & PANELS



Certified Burglary-Resistance

- ECB•S
- EN 1143-1
- Grades VI – XI
- including X KB & XI KB



# OPTURA

## Burglary Protection Solution

Since the tools and methods used to forcibly gain entry to bank vaults have become more and more sophisticated, bank security has had to evolve. Thanks to many years of experience providing successful security solutions to the banking sector, Fichet-Bauche has developed the Optura range of high-graded vault doors and panels.

### Did you know?

Optura doors can be fitted with an alarm which detects the kind of thermal and seismic fluctuations caused by an attempted break-in.

## Product Overview

Optura is a range of certified vault doors and panels which can be used to construct a modular vault in your existing building.

The product line has been specially designed to offer customised solutions for each specific security requirement, taking into account:

- Risk level
- Volumes to be protected
- Maximum floorload
- Locking devices required (mechanical and/or electronic locking)

### RANGE OVERVIEW

Doors from Grade VI to XI KB

Panels from Grade VI to XI KB

## Design

Optura modular vault rooms can be constructed using a combination of wall, floor and ceiling panels. Thanks to a special interlocking design, the panels fit together like a jigsaw. In this way, you can choose the style and size of your strongroom and maximise all available space.

The Optura vault door has been carefully designed to eliminate any weaknesses. The frame has the same defensive structure as the door, and the interface between the frame and the wall is shielded

from attack behind reinforced, armoured plating. In addition, high-strength steel bolts secure the door.

## Burglary Protection

Gradium is a barrier material created by Fichet-Bauche's world-class research laboratories. Constructed with Gradium, Optura vault doors and panels provide effective protection against methods of attack, such as thermal lances and high-powered mechanical cutting tools.

## Vault Doors

Optura vault doors are certified by leading European standards agency ECB•S (European Certification Board•Security Systems) in accordance with EN 1143-1 for Grades VI to XI. In addition, the Optura has attained the KB certification in both grades, offering extra protection against attack from diamond core drills for Grades X and XI.

## Vault Panels

Optura modular vault panels are available in Grades VI to XI (certified by ECB•S). As with the vault doors, there is also additional protection available against diamond core drills in Grades X KB and XI KB.



Maurer Primus 70011



Monaco V



Ev'Hora

## Locks

In order to suit different security requirements, Optura vault doors are designed to be fitted with a variety of locking systems. All of the locks are EN 1300 certified in either Class B or C, to ensure your valuables are given the protection they require.

The Mauer Primus 70011 – level C/E – is a high-security mechanical lock with 13 billion possible key variations.

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

The Ev'Hora 1000 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.

## Optional Features: Vault Room

- Air vents
- Cable pipe duct
- Grille gate

## LOCK COMBINATIONS

Grade VI – X

Mauer Primus + Mauer Primus

Mauer Primus + Moneo V

Moneo V + Moneo V

Grade XI

Mauer Primus + Mauer Primus + Mauer Primus

Mauer Primus + Mauer Primus + Moneo V

Mauer Primus + Moneo V + Moneo V

Moneo V + Moneo V + Moneo V

Ev'Hora 1000 can be added as a third lock up to Grade X and as a fourth lock on the Grade XI door.

## 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 Optura modular vault components are tested by the Fichet-Bauche laboratory in compliance with the current European standards.

Disc cutter



Electro-hammer



Thermal lance



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## Technical Specifications

### Vault Doors

Dimensions (mm)*	VI	VII	VIII	IX	X / X KB	XI / XI KB
Thickness of defensive structure	100	100	180	180	280	280
Overall height	2167	2167	2177	2177	2187	2187
Overall width	1200	1200	1220	1220	1360	1360
Clearance height	2030	2030	2030	2030	2030	2030
Clearance width	900	921	900	900	912	912
Approx. weight (kg)	1040	1080	1800	1850	2650	2730

\*These are the standard door dimensions. Other sizes can be made to order.

### Vault Room

Dimensions*	VI	VII	VIII	IX	X	X KB	XI	XI KB
Panel								
Thickness (mm)	80	80	150	150	150	150	250	250
Weight (kg/m <sup>2</sup> )	230	240	385	395	460	475	720	720
Basic Module (mm)								
External height	2430	2430	2500	2500	2500	2500	2677	2677
External width	2870	2870	2870	2870	2870	2870	3070	3070
External depth	2310	2310	2345	2345	2345	2345	2545	2545
Internal height	2270	2270	2200	2200	2200	2200	2177	2177
Internal width	2710	2710	2570	2570	2570	2570	2570	2570
Internal depth	2150	2150	2045	2045	2045	2045	2045	2045
Volume (m <sup>3</sup> )	13.2	13.2	11.6	11.6	11.6	11.6	11.4	11.4
Weight (kg)	9450	9850	14100	14450	17850	18500	29950	30800
Floorload (kg/m <sup>2</sup> )	1425	1486	2095	2147	2652	2749	3833	3942

\*The measurements specified are the minimum dimensions for a certified Optura vault room.

Larger vault rooms can be made to order.

