

 Fichet Bauche®

Optema

Vault door
Fire and Burglary Protection



**Burglary
resistance**



**Certified
fire resistance**
EI-120



www.fichet-bauche.com

OPTEMA

Fire and Burglary Protection

Optema vault doors are built with high-performance materials developed by Fichet-Bauche R&D teams to guarantee their resistance to thermal and mechanical attacks.



Key features

PROTECTION

- ✦ Burglary resistance equivalent to a reinforced concrete wall (250-600mm thickness depending on models)
- ✦ Certified fire resistance as per EN 13501-2 (Ei1/Ei2 Grades)

CAPACITY

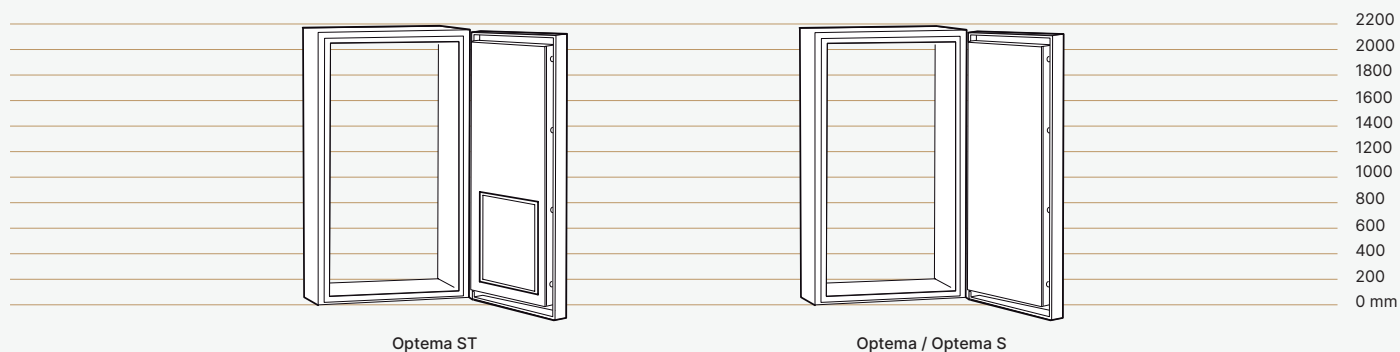
- Defensive thickness
- ✦ 100 mm
 - ✦ 180 mm
 - ✦ 280 mm

KEY BENEFITS

- ✦ Very high levels of certified protection
- ✦ Wide choice of locking options
- ✦ Integrated trap door as an option for more security and ease of use

Fichet-Bauche guarantees

Our products are subjected to the most stringent tests approved by insurers and A2P-certified by France's National Centre for Prevention and Protection (CNPP). This is the result of integrating our own test laboratory into our factory to impose conditions going even further than those of certifying bodies. Installation is also carried out by our own technicians to ensure certification of your safe is always preserved.



Optema ST

Optema / Optema S

Technical specifications

Door dimensions		Optema 100	Optema 100 T	Optema 180	Optema 180 T	Optema 280/ 280 S	Optema 280 ST
Frame thickness (mm)		240	240	320	320	420	420
Clearance width	Door	895	895	895	895	-	1012
	Trap door	500	500	500	500	500	-
Clearance width with doors open to 90° (mm)	Door	750	750	669	669	-	667
	Trap door	355	355	274	274	255	-
Clearance height (mm)	Door	2030	2030	2030	2030	-	2030
	Trap door	600	600	600	600	600	-
Width		2167	2167	2171	2171	2177	2177
Clearance width		1200	1200	1220	1220	1360	1460
Approx. weight (kg)	Trap door	225	225	315	315	525	-
	Door+trap door	850	850	1200	1200	-	2200

* T: with integrated trap door - S: with Gradium reinforcement

Panel Dimensions	180	Extensions	180 / S	Extension
Thickness (mm)	150	150	150	150
Weight (kg)	380	380	380	380
Base module external height (mm)	2500	2500	2500	2500

Fichet Locks

A2P-certified locks as per European standards EN 1300:

- ✦ MxB key lock (patented by Fichet-Bauche)
- ✦ Moneo V (B Grade) mechanical combination lock
- ✦ KelNet electronic combination lock



MxB key lock
(patented by Fichet-Bauche)



Moneo V mechanical
combination lock (B Grade)



KelNet electronic
combination lock

A hallmark of our brand

With 200 years of experience as master locksmiths, we develop and manufacture our own exclusive locks. This is one of the key strengths of our safes and a guarantee of high security. We remain committed to permanent investment in R&D, always looking for more functionality, more resistance, new materials and more advanced lock technologies.

Product details

Based on the Optura range, these vault doors benefit from the same technologies tested against the latest tools and methods of attack by European reference laboratories. Designed for very high risks, Optema doors can be combined with vault walls or modular panels to form a seamless high security solution.

PERFORMANCE AND SECURITY

Optema vault doors are built with high-performance materials developed by Fichet-Bauche R&D teams to guarantee their resistance to thermal and mechanical attacks.

Burglary resistance is equivalent to a reinforced concrete wall (250-600mm thickness depending on models).

This robust range has been fire tested by the Efectis laboratory to certify compliance with EN 1634-1 standards. All models have also been awarded Ei1/Ei2 Grades as per EN13501-2.

Additional protection: the 180 S and 280 S models incorporate GRADIUM for reinforcement—a patented barrier material that meets the requirements of the strictest European standards.

- ✦ Optional 2-hour fire protection for the sealed frame version
- ✦ Large section bolts ensuring a very high level of resistance
- ✦ Two types of installation (sealed frame and panel frame)—with or without integrated trap doors
- ✦ Fichet-Bauche high performance composite barrier material
- ✦ Multiple rectangular bolts (3 to 5 depending on models)
- ✦ Full-height rear anchorage bar
- ✦ Possible connection to an on-site alarm system or a remote monitoring station

INTERIOR FITTINGS AND OPTIONS

The following options are available:

- ✦ Opening, seismic and thermal detection alarms
- ✦ Inside lighting switch
- ✦ Door grille (painted finish or stainless steel)
- ✦ Stainless steel door escutcheon
- ✦ Stainless steel threshold bar

