

# OMEGA "1" VAULT DOOR



Shown with optional high gloss pitch black finish and stainless steel fascia plate and hinge cover.



**FICHET-BAUCHE**  
The world's number one safe maker.

U.L. LISTED CLASS 1



### U.L. CLASS 1 RATING

FICHET-BAUCHE has designed a Class 1 vault door to meet and exceed the requirements of the Underwriters' Laboratories.

The OMEGA "1" vault door resisted more than 30 minutes of formidable attacks conducted by the well-trained U.L. testers, who used:

- ☐ oxy-acetylene torches coupled with a flux rod,
- ☐ electric and sledge hammers,
- ☐ a powerful coring machine with carbide tips.

In addition, several attempts to defeat the boltwork and to release the locking mechanism proved unsuccessful.



### CONSTRUCTION

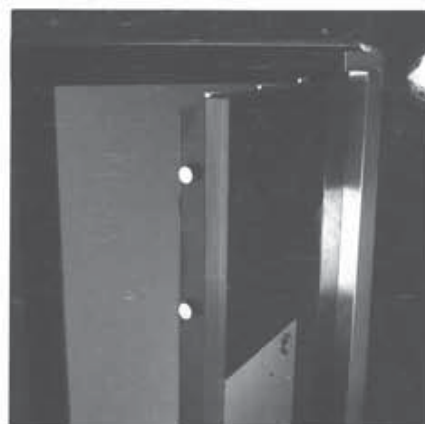
The OMEGA "1" vault door is designed to fit either a Class 1 modular vault or a traditional poured vault.

Its defense barrier is 3½" thick and is composed of two unique FICHET-BAUCHE materials sandwiched between the outer and the inner steel plates: C.H.D. and TORDBAR.

C.H.D. is a ceramic-type agglomerate which is filled with millions of micro steel needles. These needles form a very close knit which keeps the agglomerate from cracking and/or breaking when attacked by a sledge or electric hammer.

C.H.D.'s crushing strength is higher than 17,000 PSI and it also offers a very high torch and fire resistance.

TORDBAR is a strong-room type reinforcement made of steel flat bars which are cut into strips running off a central bar and then twisted into a spiral shape.



### LOCKING MECHANISM

The OMEGA "1" vault door is secured either by two Group 1 manipulation proof combination locks or by one such combination lock and by one unique FICHET-BAUCHE "MONOPOLE" high security keylock.

The locking mechanism is protected against torching, drilling and punching by two glass plates and six independent relockers.

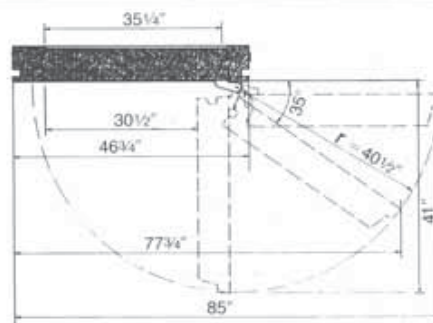
Nine heavy 1½" bolts (three on top and six on the side) fit into individual bolt housings and lock the door shut tight.

### OPTIONS

- ☐ Right or left swing,
- ☐ Three-movement time lock,
- ☐ Emergency escape device,
- ☐ Stainless steel fascia plates, hinge cover, or full cladding etc.,
- ☐ etc.

### SPECIFICATIONS

	HEIGHT	WIDTH
OUTSIDE DIMENSIONS:	84"	46½"
CLEAR OPENING:	78¾"	35¼"
	OVERALL	DEFENSE BARRIER
DOOR THICKNESS:	6½"	3½"
WEIGHT:	2,100 lbs.	
DOOR FRAME THICKNESS:	7"	



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