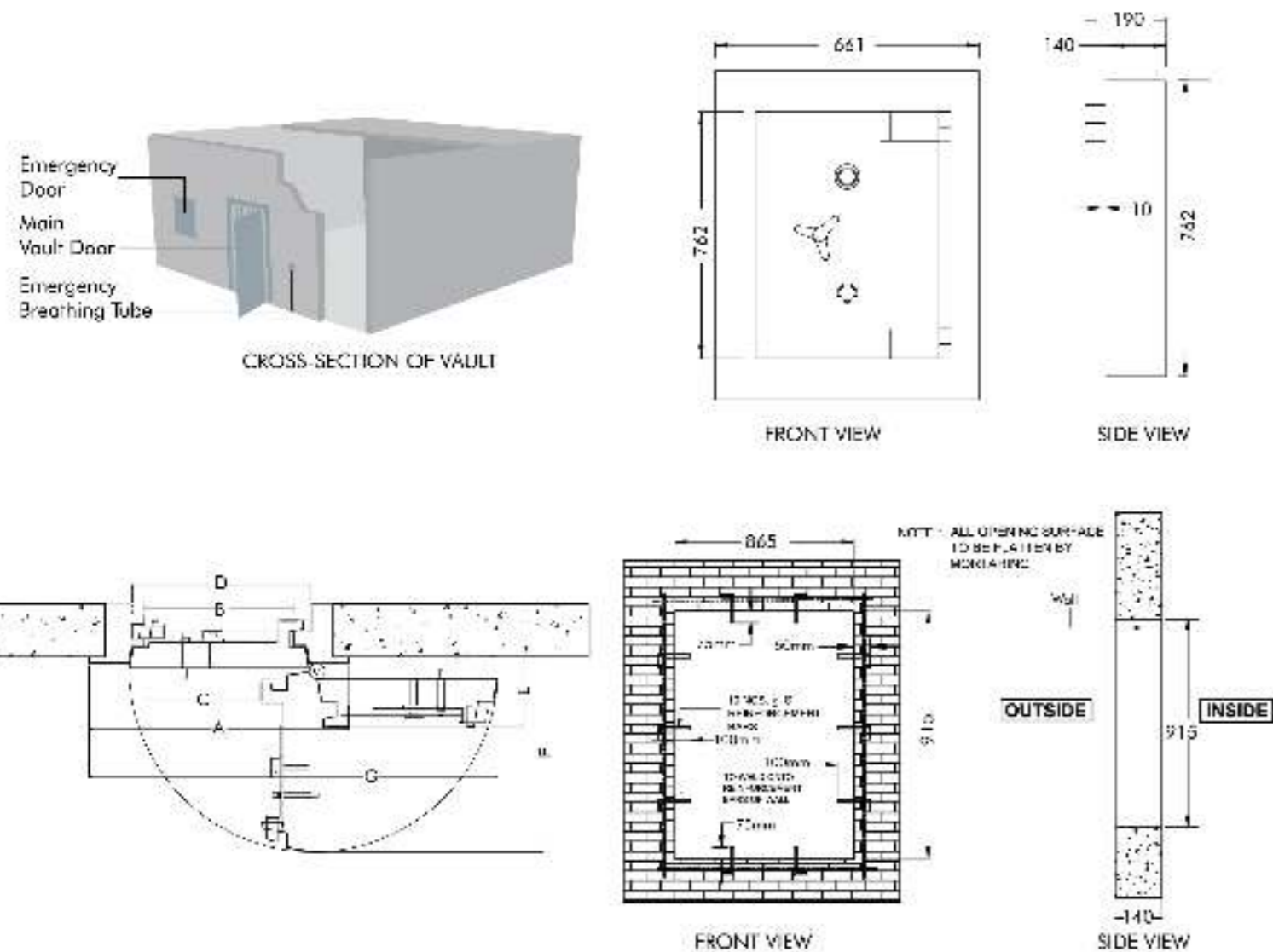


EMERGENCY DOOR EMD50 (2") & EMD65 (2.5")



TECHNICAL DIMENSION FOR INSTALLATION OF EMD50 (2") & EMD65 (2.5")

Ref	Description	Description	
		MM	Inches
A	Overall door frame	665W x 765H	26.1"W x 30"H
B	Clear opening at 180°	425W x 525H	18.7"W x 20.6"H
C	Clear wall opening of 90°	332W x 525H	13.1"W x 20.6"H
D	Clear wall opening of installation	465W x 475H	18.3"W x 18.7"H
E	Projection of door opened at 180°	158	6.2"
F	Projection of door opened at 90°	525	20.6"
G	Overall width of door opened at 180°	1105	43.4"

SPECIFICATION

MODEL	SSM50 & SSM65
Clear Opening	1925mm(H) x 920mm(W)
Overall Frame	2046mm(H) x 1100mm(W)
Overall Door Thickness	150mm
Protective Thickness	SSM50(50mm) SSM65(65mm)
Barrier Material	Special Formulated High Strength Mixture (SF2000)
Front Bolts	6 moving horizontal bolts
Top / Bottom Bolts	Optional
Rear Bolts	Full vertical interlocking robot system
Locking: KCL	Sargeant & Greenleaf UL Listed 3-wheel combination
Locking: KL	Swiss-lever Winkopp CAWI lock - 2 x 160mm key
Relockers	Protected by dead relocker
Hinge	Heavy Duty Bearing Hinges - Left / Right hung
Base Frame	Mild steel solid base plate with chamfer
Back Panel	With hinges and secured by 2 x camlock
Micro Switch	1 unit micro switch (optional)
Handle	Smooth Moving Wheel Handle
Finish	Painted finished
Stainless Steel Cladding	Optional
Grille Gate	Optional (Painted or Stainless steel finish)
Grille Gate Locking	2 x Dead bolt lock
Net Weight	SSM50 (750kg Door & 45kg Gate) SSM65 (800kg Door & 45kg Gate)
Standard Wall Thickness	250 mm
Shipping (20'ft)	12 units doors + Gate in 20ft container

EMERGENCY BREATHING TUBE (OPTIONAL)

In the event that personnel being vault, emergency breathing tube provide fresh air, posing of water and food and two way communications. It is free maintenance and power supply is not required.



Level 3 Certified to UL 657 - 1981 and UL 657 - 1997 1999 SPECIFICATION FOR FIRE AND BURGLAR RESISTANT GATE SALES



Level 3 Certified to ANSI Z 39.7 - 1981 and ANSI Z 39.7 - 1999 SPECIFICATION FOR FIRE AND BURGLAR RESISTANT GATE SALES

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This Catalogue has been designed for distribution throughout many international markets. Thus, some specifications, dimensions and information set forth herein may not apply in all markets. Falcon's policy is one of continuous improvement, the right to change specifications without prior notice is reserved.



STRONG ROOM DOOR SSM50 (2") & SSM65 (2.5")



FALCON SSM50 & SSM65 SERIES DOOR

SSM50 (2") & SSM65 (2.5") strong room door overall thickness measuring at 150mm secured with a series of heavy duty 38mm diameter bolts. The door back anchored with Falcon vertical reinforced interlocking rebate system for positive protection ensuring the door remain shut and locked even hinges are attacked and cut off.



BARRIER MATERIAL

Door slab consists of special formulated high strength concrete mixture (SF2000) which can resist drilling attack & any forceful attack. It comprises a few different layers of concrete & barrier material to resist burglary attack. The construction method of boltwork allow the door resist hydraulic jack attack of 5 tonne and remain unopened.

REINFORCEMENT DOOR FRAME

Uniquely design door frame filled up with mixture which give maximum resistance against any attack. The door frame allow the ease of installation as well as secured firmly the boltwork stretching out from the door.

LOCKING MECHANISM

Falcon strongroom door come with standard locking system secured by Sargeant and Greenleaf (S&G) 3 wheel combination lock with a security capability of 1,000,000 combination variations and KABA MAUER UL-listed president 8 lever mechanical key lock with approximate 280,000 theoretical variations. Additional keylock, 4 wheel combination lock or digital lock can be fitted on request as an option.

EMERGENCY RELOCKER DEVICES

Live & dead relocker will automatically activate and seizes all bolts if forcible attack are made especially by mechanical tools attacks. The relockers can be upgraded to glass relocker protection upon request for higher level of security.

PROTECTION AGAINST FIRE

Falcon Series strong room door provides reliable protection against fire attack which is tested and compliance to Japanese standard for 95 minutes. In an event of fire attack the strong door will protect and keep room temperature to the lowest.

GRILLEGATE

Falcon grillegate ensure additional security and ventilation when main vault door is open for operation. Secured by two keylocks and available with painted finish only.

PROTECTION AGAINST FIRE

All strong door series have been tested and compliance to ASSI/UL 687 : 1981 BURGLARY RESISTANT SAFES CLASS TRTL 60 by recognized testing laboratory. All test have eventually undergo series of attacking such as high speed drill attack on door, hydraulic jack attack, oxy-acetylene flame cutting torch attack. The safes have also undergo fire testing certification which is tested and compliance to JIS S 1037 : 1989 FIRE RESISTIVE CONTAINERS. This series have been tested and rated for 95 minutes resistance against fire attack.

SSM SERIES VAULT DOOR SUMMARY

Model	Protective Thickness	Overall Thickness	Barrier Material	Boltwork Mechanism	Weight (Kg)
SSM 50	50mm (2")	150mm (6")	SF2000	6 Horizontal / Vertical Rebate	750 Kgs
EMD 50	50mm (2")	150mm (6")	SF2000	3 Horizontal / 1 Top / 1 Bottom / Vertical Rebate	300 Kgs
SSM 65	65mm (2.5")	180mm (7")	SF2000	6 Horizontal Moving Bolt / Vertical Rebate	800 Kgs
EMD 65	65mm (2.5")	180mm (7")	SF2000	3 Horizontal / 1 Top / 1 Bottom / Vertical Rebate	450 Kgs

FEATURES



EMERGENCY DOOR (OPTIONAL)

Emergency door is an optional solution for emergency exit of vault with such a requirement.

TIME LOCK (OPTIONAL)

To provide optimum security over long weekends, holidays or after office hour, an adjustable two or three movement time lock can be installed. This system maintains the door in fully lock position even with the correct keys & combinations until the preset time has elapsed. This ultimate security also ensure no opening attempt under duress.

DIGITAL LOCK (OPTIONAL)

Upgradable to the following digital locks.

- S&G UL-Listed A series lock
- KABA Auditcon 525
- Lagard Audit 66E



KABA President Lock



165mm

KABA Foldable Key Stem



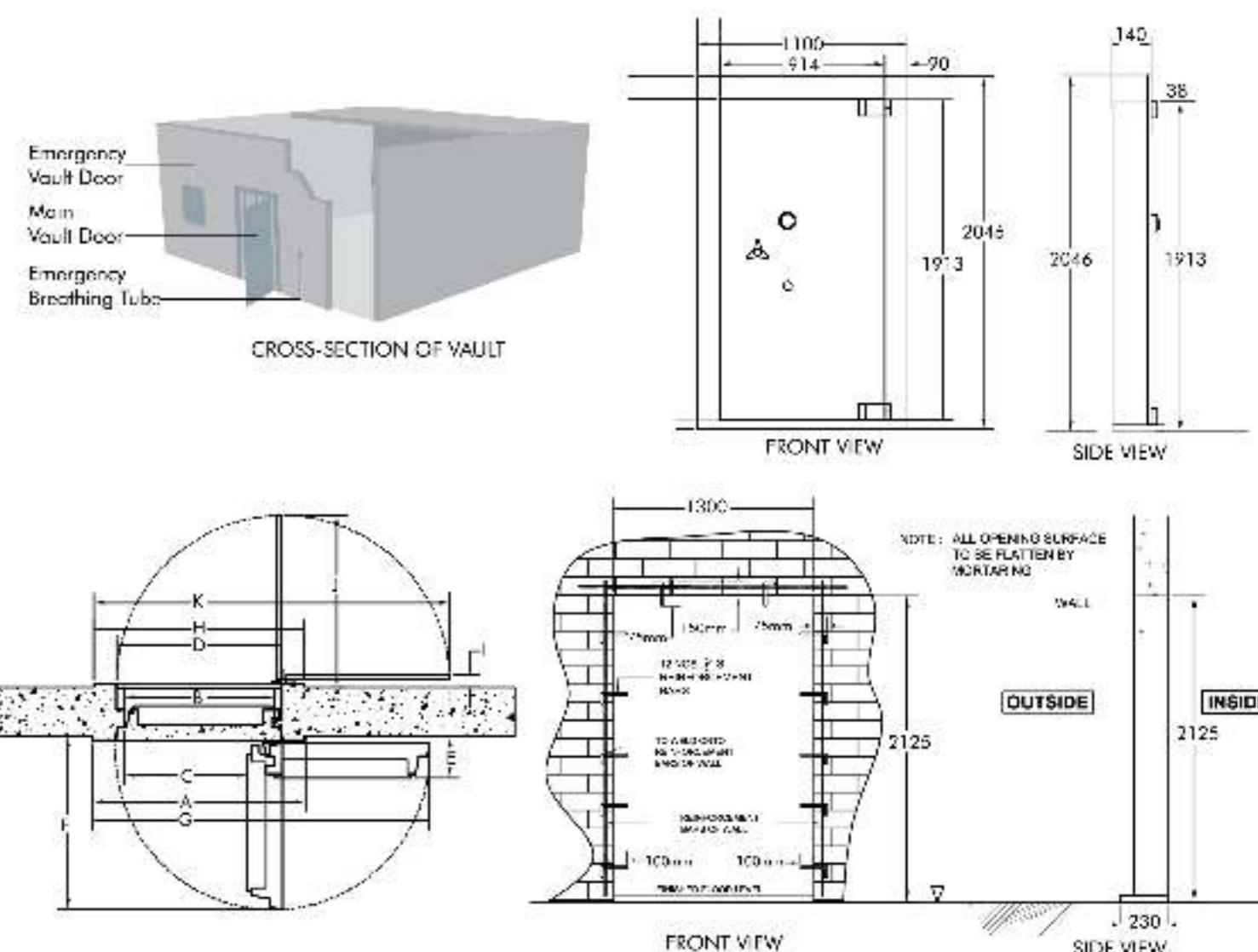
215mm

KABA Detachable Key Bit



215mm

STRONG ROOM DOOR SSM50 (2") & SSM65 (2.5")



TECHNICAL DIMENSION FOR INSTALLATION OF STRONG ROOM DOOR SSM50 (2") & SSM65 (2.5")

Ref	Description	Description	
		MM	Inches
A	Overall door frame	1100W x 2046H	43.2"W x 80.3"H
B	Clear opening at 180°	920W x 1925H	36.1"W x 75.5"H
C	Clear wall opening at 90°	805W x 1925H	31.6"W x 75.5"H
D	Clear wall opening of installation	910W x 1875H	35.7"W x 73.6"H
E	Projection of door opened at 180°	210	8.3"
F	Projection of door opened at 90°	970	38.1"
G	Overall width of door opened at 180°	1980	77.7"
H	Overall width of gate	1035	40.6"
I	Projection of gate opened at 180°	57	2.3"
J	Projection of gate opened at 90°	925	36.3"
K	Overall width of gate at 180°	1920	75.3"