

Catalogue

2013



Strongrooms and vaults

Vault doors

EN 1143-1 Grades I and II
EI 60 Fire Resistance

Security room doors

Break-in classification of standard security room doors is I or II according to EN 1143-1 by ECB-S. Fire classification of standard security room doors is 60 minutes.

Kaso security room doors are offering premium break-in resistance compared to standard industrial fire doors – four sided security construction including locking bolts on four sides and a dedicated, composite security barrier against multiple and modern forms of attack.

Security room doors are also supplied with high security locking mechanism including burglary certified high security locks. Security room doors are available with various locking and accessory options for specific security and operational requirements. Optionally the security rooms could be supplied with standard industrial fire doors or bulletproof doors. Private panic rooms could be also supplied with decorated, conventional security doors enabling integration of the security room to the surroundings



VD-2 Vault Door with day gate



VD-6 EX Vault Door with day gate

Kaso Archive Doors

VD-A is an archive door with 120 minutes fire protection (EI 120 fire rating). VD-A archive door offers premium burglary resistance compared to standard industrial fire doors – four sided security construction including locking bolts on three sides and fixed back bolt bank. Archive doors are also supplied with high security locking mechanisms including burglary certified locks. VD-A archive door is intended to be used with EH-20L and EH-30L archive rooms. Due to modern design, the archive door can be also installed to modern office environment.

Archive and Vault, strongroom door options

- lock-, bolt-, door micro switches
- preparation for alarm connection
- motor lock for entrance control
- electronic Paxos compact locking system
- mechanical combination or electronic code lock
- day gate
- door stopper
- seismic detector
- re-locking solution
- stainless steel design

EN 1143-1 Grades II to XII
EI 120/ EI 60 Fire Resistance
(EH-20L to EH-60L models)



VD-9 Vault Door

Kaso Vault Doors

Kaso vault doors are burglary certified to grades III, V, VI, IX, X and XII according to European Standard EN 1143-1. Vault doors VD-3, VD-5 and VD-6 are also offering 120 minutes fire protection according to EI 120.

The doors can be used on their own, installed to the concrete wall or as part of prefabricated strongrooms. Vault doors can be also installed to offices where the look of a fire door does not match the rest of furnishings. Wide range of options are also available for Kaso vault doors for meeting the specific design and security requirements of the installations.

Standard equipment

Model	VD-A	VD-2	VD-3	VD-5	VD-6	VD-7	VD-9	VD-10	VD-12
Number of movable locking bolts	7	8	7	7	7	7	12	5 (large)	6 (large)
Fixed back bolt bank	yes	-	yes	yes	yes	yes	yes	yes	yes
Number of keylocks (Class)	1 (A)	1 (A)	1 (B)	2 (B)	2 (C)	2 (C)	2 (C)	2 (C)	3 (C)
Maximum number of locks	3	3	3	3	3	3	3	3	3
Burglary resistance	-	Grade II	Grade III	Grade V	Grade VI EX	Grade VII EX	Grade IX	Grade X	Grade XII
Fire resistance (min)	120	60	120	120	120	-	-	-	-
Barrier/door thickness (mm)	120/193	62/124	120/193	120/193	120/193	120/193	154/224	220/285	300/365
Entrance W x H (mm)	898x1940	900x1940	898x1940	898x1940	898x1940	898x1940	910x1960	910x1960	910x1960
Installation clearance W x H (mm)	1200x2150	1200x2150	1200x2150	1200x2150	1200x2150	1200x2150	1310x2170	1430x2220	1430x2220
Weight (kg)	320	320	450	700	800	850	1370	1980	2800
Colour light grey, RAL 7035	yes	yes	yes	yes	yes	yes	yes	yes	yes

Strongrooms and vaults

Vault doors with

Emergency doors

EN 1143-1 Grades III to VII

Kaso Emergency Doors

Emergency doors are installed as a secondary entrance to the vault. The emergency door enables strongroom access in case of operating failure of the main vault door and the vault operation can be continued until the main vault door has been repaired. Emergency Doors are manufactured to Grades III, V, VI and IX according to European Standard EN 1143-1 and are offering comparable security level as the main vault doors. Emergency door could be supplied with similar options as the vault doors for convenience of operation.

The emergency doors can be used on their own, installed to concrete wall or as part of prefabricated strongrooms as a secondary access. They can be also integrated to the main vault door for optimising the installation area of the door on the walls and then maximising the storage capacity inside the vault. The outside entrance is also more conveniently arranged. The vault doors with integrated emergency doors are manufactured according to EN 1143-1. The external dimensions and passage/clearance of the vault doors with integrated emergency doors are the same as the standard vault doors without emergency doors.



VD-3 Vault Door with Integrated Emergency Door

Standard equipment

Model	VD-3E	VD-5E	VD-6E	VD-7E
Movable locking bolts (pcs)	7	7	7	7
Fixed back bolt bank	yes	yes	yes	yes
Number of keylocks (pcs) (Class)	1+1 (B)	2+2 (B)	2+2 (C)	2+2 (C)
Maximum number of locks (pcs)	3	3	3	3
Manufactured to EN1143-1	Grade III	Grade V	Grade VI EX	Grade VII EX
Barrier/door thickness (mm)	120/193	120/193	120/193	120/193
Entrance W x H (mm)	898x1940	898x1940	898x1940	898x1940
Installation clearance W x H (mm)	1200x2150	1200x2150	1200x2150	1200x2150
Weight (kg)	450	700	800	850
Colour light grey, RAL 7035	yes	yes	yes	yes



Kaso emergency doors

- supplied with certified high security bank level locks and locking systems
- protection against latest and most advanced testing methods and tools
- specific protection for critical parts of the doors, locks and locking systems

Standard equipment

Model	E2E-320	E3E-320	E5E-320	VDE-6	VDE-7
Movable locking bolts (pcs)	8	8	8	7	7
Fixed back bolt bank	-	-	-	yes	yes
Number of keylocks (pcs) (Class)	1 (A)	1 (B)	2 (B)	2 (C)	2 (C)
Maximum number of locks (pcs)	3	3	3	3	3
Manufactured to EN1143-1	Grade II	Grade III	Grade V	Grade VI EX	Grade VII EX
Barrier/door thickness (mm)	62/125	62/125	94/156	120/193	120/193
Entrance W x H (mm)	852x502	852x502	852x502	1040x600	1040x600
Installation clearance W x H (mm)	1090x850	1090x850	1090x850	1210x910	1210x910
Weight (kg)	120	120	170	340	340
Colour light grey, RAL 7035	yes	yes	yes	yes	yes