

DOOR RISK

门户安全简报



一·玻璃门锁具介绍

二·木门锁具介绍

三·后门锁具介绍

四·进出方式

五·安防系统

Common Electronic Locks for Glass Door

一、常见安装于玻璃门之电锁类别



1、Spring Lock 弹弓



2、Magnetic Lock 磁力



3、Tumbler Cylinder Lock 圆芯

Disadvantage of Electronic Spring Lock

1、弹弓电锁的缺点



This type of lock bolt offers very little security, the reason being that if a credit card or other tools is forced between the door and frame at the correct point, the beveled latch can spring back and the door will open.

碍于弹弓斜口设计，可用信用卡或简单工具从门外插入，把弹弓斜口压下，轻易开启门户。

Remedy 弹弓锁的补救方法



In any installation where electronic spring lock are used, a program to cover the latch by attaching kind of iron or steel angular bar on the door frame should be initiated.

若已安装弹弓电锁，必须尽快找承包商加装一条角铁，用以防止有人从门外插入简单工具开启门户。

a. Screws should not exposed to public 螺丝必须暗藏

b. The striker plate should be blinded completely. 锁口必须遮掩以防工具插入

c. minimum 2mm thick, whole door frame long 角铁最少为二厘米厚度，覆盖整个门楣之长度

Electronic Magnet Lock

2、磁力电锁



The principle of lock is mainly relied on electricity power

原理：主要是靠电力将门紧拉

Advantage 优点

It is not easy to use tools or anti-magnet materials to break the lock

锁紧贴没有虚位

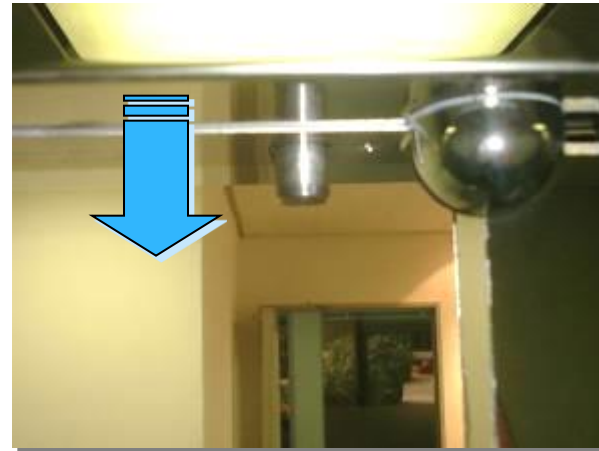


Electronic Tumbler Cylinder Lock

3、圆芯锁



Diameter of cylinder is 1.5 cm
圆柱型设计，直径为 1.5 厘米



When the door close, cylinder lock drops automatically.
当门拉合后，圆柱自动掉下

Advantage 优点

It is not easy to use tools to break the lock
粗体圆柱不易用简单工具破坏

Disadvantage 缺点

Accuracy of timing - to ensure door should not close before cylinder lock drops.

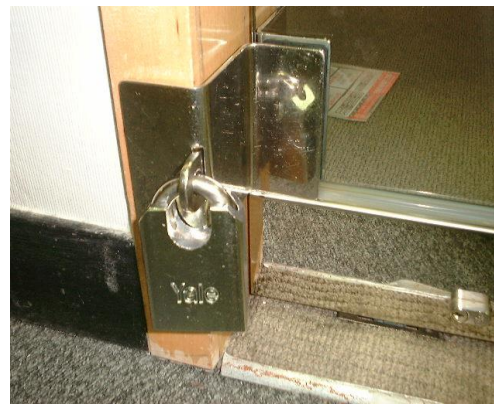
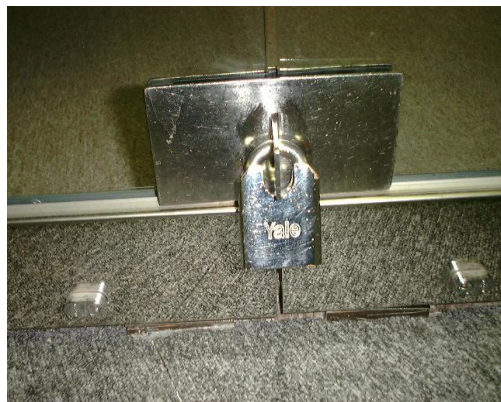
必须保证时间上的配合：圆芯锁必须在门户拉合后才掉下

磁力电锁及圆心锁的缺点和补救方法

Pursuant to The Fire Services Department, all means of escape should be released when emergency, therefore most electronic lock will be released when power breaks down. However there is a risk on door security, installing of additional locking device whenever nobody working in the office is highly recommended, especially during lunch break and outside business hours. For any circumstance, when power failure the door will be locked, installing of an "Emergency Release Break Glass" can be acceptable.

根据消防条例，当火警发生时，所有门户必须易于推开，所以大部份门户装置都是当电力终断时，电锁会自动开启。但在保安角度来看，当然隐藏着很大危机，因此最佳补救方法是凡单位内没有职员工作，包括午膳及下班时间，谨记加上附加锁具于玻璃门。

另一方面有些租户为安全起见，考虑门户安装成当电力终断时，电锁会自动紧锁，但必须配合一个「紧急可碎玻璃」装置才合乎标准。



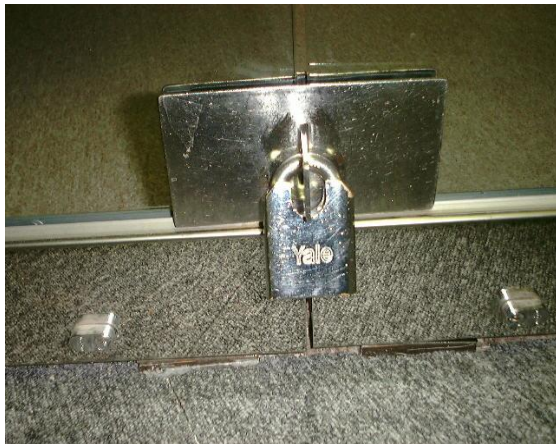
Types of Additional Locking Device

常见玻璃门附加锁具类型

Single Glass Door
单玻璃门



Double Glass Door
双玻璃门



Choices of Pad Lock 挂锁

Characteristics of a good padlock

- The key must be non-removable when the lock is open.
- With good degree of key i.e. computerized
- The shackle must be of hardened steel to resist sawing and other forms of attack.
- The body of the lock should be one piece and close shackle, preferably of hardened steel.

如何选择附加锁具

- 锁具于开启状态下，钥匙必须不能取出
- 从钥匙种类也可判断锁具结构是否完美的，例如计算机匙
- 锁口必须用坚硬钢材制造，以防护锯刀或剪钳切断
- 整件锁具外壳不须接驳及蔽耳式，并用坚硬钢材制造



Common Locking Devices for Wooden Door

二、通用单元入户门锁介绍



Spring Latch 弹弓门锁



Dead Bolt 紧锁直插门栓



Dead Latch 紧锁门锁

Disadvantage of Spring Latch and Dead Latch

弹弓及紧锁门锁之缺点



Vulnerable of wide door gap which exposed the short latch should attached a long and thick angular metal plate to the door. (with minimum 2mm thick)

若门闩短及门隙阔的话，容易被人在门外用简单工具将门打开；可在门边加装一条厚而长之防撬金属角片盖过门闩。(厚度最少为二厘米)

Additional Locking Device for Wooden Door

木门附加锁具

Door security plays an important role to a certain degree, quality of door lock can not be neglected. 'Dead bolt' has built-in hardened pins must be operated by key to both lock and unlock the door. It cannot be compromised by credit cards or other tools, as with the spring or dead latch.

门闩之优劣对门户保安是十分重要的。「紧锁直插门栓」非常普遍，因它的结构坚固及必须用钥匙开启，不像「弹弓」及「紧锁」门锁般可用工具插开。

Requires a key
inside and outside
用锁匙在内外开关



Operates inside by
pushing the lock
室内推门闩开关



Operates outside with keys and
inside by a thumb turn
外锁匙内扭掣



People may aware of all means of escape must be capable of release in case of fire under FSD regulations, practice of unlocking them at business hours and locking up whenever nobody stays in the premises could achieve it.

根据消防条例，遇紧急事故发生，门户必须可以推开作逃生用途，换言之只要每天保持办公时间内把附加锁具开启，最后离开者锁回，便能合乎要求。

Additional Locking Device for Wooden Door

木门附加锁具

Pursuant to regulations of Fire Services Department, all means of escape should be released when there is a fire, thus some tenants may be aware of door security. To liaise with your own contractor, pre-program the electronic locking device to be in effect when power failure, as well as install an "Emergency Release Break Glass" beside the door for emergency use. Compare to inactive the electronic locking device and install a bolt lock at the top of the door, this is more effective and complied with the regulations.

根据消防条例，当火警发生时门户必须可以推开作逃生之用，所以部份租户对于电力终断时，若电锁会自动失效觉得毫无保障，于是在门顶加装上栓。其实这么做是不正确的，反而把电锁安装成电力终断时，电锁仍然生效把门紧锁，祇要在门口旁加装一个「紧急可碎玻璃」更为有效，又乎合标准。



Exit Alarm Devices for Back Door

三、后门警报器锁具装置

‘Detex Lock’ and ‘Panic Bar’ are typical locks with alarm device. These locking devices are usually for emergency exit only. Protection against entry can be achieved by having no outside hardware on the door.

以下两种警报器锁具装置是最常用于木门之附加锁类，该木门通常祇用作逃生门用途，门外不须任何装置，可减低从外爆窃之机会。



Detex Lock



Panic Bar

Don't forget to state
‘Operation Manual’
indication clearly.
必需清楚注明
「使用方法」

Installing of protection case on the device not only can avoid breaking into the premise through vision pane, but also minimize inappropriate exercise.

加上保护罩不但可以防止被人打破透视玻璃进入单位，并可减少不正确运用。



四、进出方式



Door Release Button 开门按钮

Door release button should not installed at a vulnerable location.

门掣不宜装近门口，可能从门外用物件将门开后，存在安全隐患

In any circumstance, the door release button has been installed near the door frame, applying a cover could be an easier solution.

内门掣若已安装在近门口位置，可考虑加装一个外壳遮盖

Types of Digital Access System

如何选择入户电锁键板

Screws on the cover surface and and no anti-magnet is not appropriate.
不宜选用螺丝外露的键板或不防磁性的键板



Screws can be loosed within a short period.
容易扭开键板螺丝



Then connect the cables to open the door.
接驳电线便可将门打开



This sort of digital access system can be released by a magnet.
这类电锁键板可用磁石开启

Types of Digital Access System

如何选择入户电锁键板

There are various of digital access system, users can choose any kind with two main features: no screws surface and anti-magnet. Most companies prefer 'Access Code & Card Reader Compatible', in order to pre-program user's data and restrict entering and leaving time, as well as for keeping employees' in and out records.

市面上有不同 类型电锁键板以供选择，客户可自由选择合适类别，只要没有螺丝外露及可防磁性。其中按键及智能卡兼用较多公司喜欢采用，因可预先在计算机输入用户的数据和进出时限，并能随时翻查记录。



Access code 按密碼鍵式



Card Reader 智能卡



Access Code &
Card Reader Compatible
按键及智能卡 兼用



Slide Card 刷卡式



Fingerprint 指纹辨认

Additional Security System Installation

五、附加防盜系統裝置

Detection devices such as 'Burglar Alarm' and 'Close Circuit Television System' can reduce the risk of loss due to criminal action.

加装防盗警钟系统及监察系统有着阻吓作用，可以减低因行窃为租户带来损失。

Burglar Alarm System 防盜警钟系统

Close Circuit Television System 防盜監察系統



Attach 'Warning Notice'
shows a threaten effect.
贴上「警告贴示」
可有阻吓作用

