

Security doors

KasoGuard security doors are designed for private houses, apartments and offices. They are designed for entrance and inside installations and are suitable both for renovation and new buildings.

The look of KasoGuard security doors is similar to other entrance and inside doors, the inside of the door is what makes it unique.

KasoGuard security doors and frames are steel reinforced offering real protection for what and whom you are valuing the most. The security doors are burglary tested and certified to class 3 (EN1627/ SSF-Sweden). They are also offering protection against fire (class EI45). Additionally the security doors provide tested sound and temperature insulation for additional comfort.

KasoGuard security doors are made to order. The doors can be also tailor made to meet specific size, furnishing, locking and surface requirements.

KasoGuard security doors are often recommended by insurance companies.



Security doors KasoGuard

Burglary protection ENV 1627 Grade 3
Fire protection EI45



Against burglary and fire

Helsinki housing co-operative chose security doors

Security doors are gaining popularity in apartments, but also in detached houses. In Scandinavia, 70% of the new buildings are equipped with security doors.

Emilia Larke, the Chairman of Pyyntikintie 1 housing co-operative in Helsinki, is more than happy with their decision. In addition to safety, the new doors also raise the comfort of living. "Security doors are now in," she says.

Built in 1975, the house has 91 apartments which originally had wooden doors. In many cases, the doors were in poor shape and approximately 20 doors required instant attention.

"Doors were twisted and difficult to close. Especially the corners were so deformed that you could see through them. We had changed already a couple of doors and some had been temporarily fixed," Emilia Larke says.

However, the biggest concern was safety.

"Renewal of doors was first discussed a couple of years ago. Because there were so many doors to repair, we concluded that it's better to change all the doors in one go, rather than fix them one at a time. In the annual general meeting 2014 we decided to change all the old doors to security doors," Larke says.

During the process, many options were considered. Ordinary wooden doors were one of them, although it was quickly evident that they didn't meet the needs of tenants. The benefits of security doors were what they were looking for.

"The process opened up our eyes on what could have happened. The feeling of safety has increased," Larke adds.

Luckily there haven't been burglaries in Pyyntikintie 1 so far.

"An ordinary wooden door with a safety lock can be broken with a crow bar in less than 30 seconds. The Kaso steel frame and door leaf are tested according to EN-1627 standard," Kaso's Sales Manager **Teija Paakkari** claims. Thanks to its structure and locking, crow bars are useless against a Kaso security door.

The feedback has been positive. One of the tenants said that she now feels safe. And another can stay at his summer cottage for a longer period of time without worry.

The Chairman Larke considers that the price difference between an ordinary door and a security door is only modest. "They are totally different doors. You really get what you pay for."

Enhanced fire safety

Thanks to fire seals, fire certified security doors offer better protection when compared to ordinary wooden doors.

"Our security doors resist fire for 45 minutes, while the minimum requirement is 30 minutes," Paakkari argues.

Also the 35 year old locks were changed.

"The keys were from the last century and we had lost track on who has them," Emilia Larke says.

The new doors are equipped with mechanical locks, while electronic locking systems are also available.

Strong steel frame and bolts

Insulated with rock wool, the frame of the door and door leaf are steel reinforced. In addition to steel frame, the door is protected against burglary with bolts on all four sides of the door. Door panels fine-tune the appearance.

According to Teija Paakkari, a security door can be installed into an old door opening, even though a reinforcement might be needed. And if there are separate frames for inner and outer doors, the old inner door can be left in place. However, with a security door there is no need for inner door.

Better sound insulation

Emilia Larke says that although the doors are robust, they are easy to use.

"From users' point of view, it's just like an ordinary wooden door. The sounds from the stairway are effectively muted. Because the inside of the door is light coloured, it lightens up the hallway. The colour also fits perfectly to most decoration styles," Larke says.

Interest is on the rise

According to Teija Paakkari, security doors have been gaining popularity not only in apartments, but also in detached houses.

"There is a lot of interest and it's just a matter of time when we'll see a breakthrough," Paakkari says.

In Scandinavia, security doors are a standard solution and 70% of new buildings are equipped with one.

“Thanks to its structure and locking, crow bars are useless against a Kaso security door.”



Security doors

Burglary protection EN 1627 Grade 3
Fire protection EI45

Key features

- Private houses, apartments and offices
- Inside and entrance installations
- New and renovation buildings
- Steel reinforced door and frame
- Outwards or inwards opening (“push” or “pull”)
- Right or left handed opening
- Bolting on four sides
- Integral locking system with drill protection
- Standard locking options Mottura and Abloy

Options and fittings

- Door bell
- Letter box
- Viewing spot
- Access control
- Electronic locking
- Integrated door opening limiter
- Colour, panel and furnishing options
- Tailor made size and design options



Fixed rear bolting



Mottura keylock

Classifications

Certified burglary protection	Grade 3 (EN 1627)
Fire protection	EI 45
Sound insulation	41dB
Resistance to wind load	Class C3
Air permeability	Class 3
Water tightness	Class 2A

Security doors

Burglary protection EN 1627 Grade 3
Fire protection EI45

*Watch the video about
security doors at
www.kasosafes.com*



Top locking bolt



Stainless steel threshold

Specifications

Size	9x21	10x21
Installation clearing W x H (mm)	910x2110	1010x2110
Frame W x H (mm)	890x2095	990x2095
Entrance W x H (mm)	780x2005	880x2005
Weight (kg)	90	95
Burglary resistance class (EN 1627)	3	3