Gunnebo Centurion SR

Burglary-resistant strong rooms and vault doors

Today's businesses understand that high-resistance burglary protection for valuables is crucial to maintaining an organisation's operations and continuity. This is especially true for the risk sites such as banking, retail, logistic, pharmaceutical or industry sectors, as large amounts of cash, valuable or sensitive items are often kept on premise. To effectively manage this risk, businesses are increasingly choosing on-site strong rooms, which involve storing high-value items in a separate, walled-off area in existing buildings. But space limitations and security requirements vary enormously: in most cases, a one-size-fits-all approach is insufficient in meeting specific needs.

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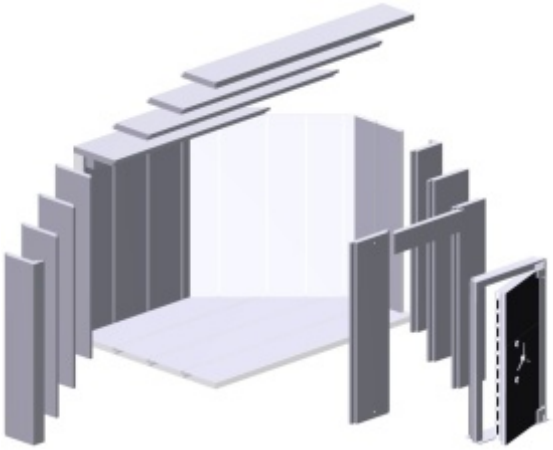
Safe Storage

Common challenges include:

- **Space constraints:** Most organisations need to enhance security at a current site in which the available space is often varied and limited. Traditional vaults can be very heavy and difficult to install, which is not ideal for enclosures accessible on a building or where maximum floor loads are often limited.
- **Constantly changing security needs:** The threats associated with modern attack tools, including thermal lances and high-powered mechanical cutting tools, are increasingly sophisticated and dangerous. As a result, today's vaults need to be upgraded and reinforced continuously to ensure top-of-the-line protection.
- **Poor design:** The primary purpose of a vault is to keep valuables protected from theft and burglary often via advanced anti-theft technologies. But as a result of these technologies, many traditional vaults on the market are difficult to operate. Locks are complicated to use, handles are not very user-friendly and doors are often unwieldy.



Modular construction

Gunnebos' high-security strong rooms are constructed by combining at least one vault door with wall, floor and ceiling panels. The components are mounted together for a strong room that maximises available space, whether in a new or existing construction.

Certified bolted versions

When conditions for assembly are restricted and a welding of strong room panels is forbidden, Gunnebo also offers EN 1143-1 certified bolted versions of its range of 80 mm modular panels in the Grades V and VI. This option also allows the entire strong room to be dismantled for a reassembly at another location.

Testing

All Centurion strong rooms and vault doors undergo compliance and reliability tests to ensure the highest quality level. They are also subjected to intensive certification testing by independent test laboratories.

The testing simulates the impact of severe attacks using a variety of tools including crowbars, high-powered disc cutters and oxyacetylene torches.

Customisable design

Gunnebo experts are trained to assess the constraints of each project, from difficult access and old buildings to rooms with unusual dimensions and floor-load limitations. They define the specifications of each strong room and devise a solution that meets all of your particular requirements.

Resistance meets convenience

The Gunnebo Centurion range of strong rooms and vault doors combines performance and flexibility in one high-performance solution. Each range has a variety of adaptable components that have been tried-and-tested to resist attack and can be customised to meet your particular needs. The Centurion strong rooms and vault doors benefit from the following:

State-of-the-art technology

Centurion high-security vault rooms leverage the latest-available technologies to withstand even the most sophisticated attacks. The relatively lightweight panels reduce transportation costs and facilitate assembly. At the same time, Centurion strong rooms and vault doors are designed to optimise simplicity and accessibility for a solution that is user-friendly and easy to operate.

Advanced testing for high-level certification

Centurion strong rooms include products that are certified by the European Certification Board Security Systems (ECB•S), in accordance with the EN 1143-1 standard. To obtain this certification, a variety of tools, such as crowbars, drills, sledgehammers and oxyacetylene torches are used to put the vault's ability to withstand break-in to the test. For the highest security grades, diamond drill protection is available and is certified "CD". As an option, Grade XII is available with EX protection upon request.

T2-security upgrade

As part of our ongoing improvement process, the 80mm variant of the Grade VI Centurion strong room modules and the 90mm variant of the Grade VI vault door have received security upgrades, going from Grade VI to Grade VI T2 ECB•S certified according to EN 1143-1. During the independent testing process, the vault module and the door are exposed to a series of new, even more sophisticated and powerful tools like a new generation of circular saws and thermal lances to check our product's ability to resist them. This upgrade guarantees the highest current performance in physical security.

Centurion vault door: An impenetrable gate for your strong room

- A new design that is thinner and lighter
- A stainless steel door frame for a stylish construction
- Developed to accommodate an alarm system
- Choice of colour finishes
- Ergonomic for user-friendly operation
- A variety of lock options including S&G 6731 combination lock (Class B) or the high-security electronic lock KelNet (Class B, C, D)
- Optional grill gate (accessible via a high-security lock that can be opened manually or automatically) available

120 minutes fire resistance

Both 90mm variants of the Centurion standard vault door and the Centurion "door-in-door" model, in Grades V and VI, offer fire resistance of up to 120 minutes, as confirmed by GRYFITLAB, an independent and accredited laboratory in Poland. The fire tests were carried out according to the European standards EN 1363-1/2020 and EN 1634-1/2018 for evaluating fire resistance.

Lock Options

Key Lock

- Mauer 70079 (Class B)
- Kaba Mauer Primus 70011 (Class C)

Combination Lock

- S&G 6731 (Class B)
- Kaba Mas LCC LG1947 (Class C)

Electronic Locks

- KelNet (Class B, C, D)
- Kaba Paxos (Class B, C, D)
- SafeLock (Class B, C, D)
- La Gard 39E (Class B)

Finishes

- RAL 7016 Anthracite Grey
- RAL 7035 Light Grey

Centurion Strong Rooms

Technical Specifications

Burglary protection

Model	Panel Net Weight (kg/m²)	Panel Thickness (mm)	Max. Internal Wall Span* (mm)	Max. Internal Roof Span* (mm)
Grade V	265	80	4000	5000
Grade V (LW)	175	80	4000	4000
Grade VI T2	265	80	4000	5000
Grade VI	280	85	5000	5000
Grade VII	280	85	5000	5000
Grade VIII	320	100	5000	5000
Grade IX	400	125	5250	5250
Grade X	470	150	5200	5200
Grade XI	660	220	5060	5060
Grade XII	830	280	4960	4960

* at 1 kN/m²

Combined burglary & explosion protection (EX)

Model	Panel Net Weight (kg/m²)	Panel Thickness (mm)	Max. Internal Wall Span* (mm)	Max. Internal Roof Span* (mm)
Grade V EX	280	85	5000	5000
Grade VI EX	280	85	5000	5000
Grade VII EX	280	85	5000	5000
Grade VIII EX	320	100	5000	5000
Grade IX EX	400	125	5250	5250
Grade X EX	470	150	5200	5200
Grade XI EX	660	220	5060	5060
Grade XII EX	830	280	4960	4960

* at 1 kN/m²

Combined burglary & diamond-core drill protection (CD)

Model	Panel Net Weight (kg/m²)	Panel Thickness (mm)	Max. Internal Wall Span* (mm)	Max. Internal Roof Span* (mm)
Grade IX CD	400	125	5250	5250
Grade X CD	470	150	5200	5200
Grade XI CD	660	220	5060	5060
Grade XII CD	830	280	4960	4960

* at 1 kN/m²

Combined burglary, diamond-core drill & explosion protection (CD EX)

Model	Panel Net Weight (kg/m²)	Panel Thickness (mm)	Max. Internal Wall Span* (mm)	Max. Internal Roof Span* (mm)
Grade IX CD EX	400	125	5250	5250
Grade X CD EX	470	150	5200	5200
Grade XI CD EX	660	220	5060	5060
Grade XII CD EX	830	280	4960	4960

* at 1 kN/m²

Product Advantages

- Reduced wall thickness to maximise available space
- Innovative, ECB•S-certified ventilation system for optimum climate control
- Panels fitted with an upper and lower cable duct
- A range of reinforced configurations available for additional protection including a bolted version
- Interior finished with primed surface
- Exterior finished with steel (optional)

Centurion Vault Doors

Technical Specifications

Burglary protection

Model	Number of Bolts	Door Depth (mm)	Frame Depth (mm)	Net Weight (kg)	Clear Opening H x W (mm)
Grade V	6	100	230	1500	1960 x 900
Grade V (LW)	7	90	240	870	1960 x 900
Grade VI	6	100	230	1500	1960 x 900
Grade VI T2	13	90	240	920	1961 x 900
Grade VII	6	100	230	1500	1960 x 900
Grade VIII	6	130	290	1700	1960 x 900
Grade IX	6	130	290	1700	1960 x 900
Grade X	6	255	415	3000	1960 x 900
Grade XI	6	255	415	3000	1960 x 900
Grade XII	10	255	415	3500	1960 x 900
Grade XIII	10	500	615	7000	1960 x 900

Combined burglary & explosion protection (EX)

Model	Number of Bolts	Door Depth (mm)	Frame Depth (mm)	Net Weight (kg)	Clear Opening H x W (mm)
Grade V EX	6	130	290	1600	1960 x 900
Grade VI EX	6	130	290	1600	1960 x 900
Grade VII EX	6	130	290	1600	1960 x 900
Grade VIII EX	6	130	290	1800	1960 x 900
Grade IX EX	6	130	290	1800	1960 x 900
Grade X EX	6	255	415	3100	1960 x 900
Grade XI EX	6	255	415	3100	1960 x 900
Grade XII EX	10	255	415	3600	1960 x 900
Grade XIII EX	10	500	615	7100	1960 x 900

Combined burglary & diamond-core drill protection (CD)

Model	Number of Bolts	Door Depth (mm)	Frame Depth (mm)	Net Weight (kg)	Clear Opening H x W (mm)
Grade VIII CD	6	130	290	1700	1960 x 900
Grade IX CD	6	130	290	1700	1960 x 900
Grade X CD	6	255	415	3000	1960 x 900
Grade XI CD	6	255	415	3000	1960 x 900
Grade XII CD	10	255	415	3500	1960 x 900
Grade XIII CD	10	500	615	7000	1960 x 900

Combined burglary, diamond-core drill & explosion protection (CD EX)

Model	Number of Bolts	Door Depth (mm)	Frame Depth (mm)	Net Weight (kg)	Clear Opening H x W (mm)
Grade VIII EX CD	6	130	290	1800	1960 x 900
Grade IX EX CD	6	130	290	1800	1960 x 900
Grade X EX CD	6	255	415	3100	1960 x 900
Grade XI EX CD	6	255	415	3100	1960 x 900
Grade XII EX CD	10	255	415	3600	1960 x 900
Grade XIII EX CD	10	500	615	7100	1960 x 900

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