Atelier Boonen - Vault rooms and vault doors Wertheim



Additional information

brand: Wertheim safes

Wertheim vault rooms and vault doors – Maximum physical protection up to Grade XIII CD EX

Wertheim vault doors and vault rooms are designed for environments where physical security is essential, such as banks, public authorities, jewellers and diamond dealers, companies, institutions and critical

infrastructure. They are certified to the European standard EN 1143-1 and can be built modularly in various resistance grades, from Grade I up to Grade XIII KB EX.

Wertheim vault rooms can be assembled from modular panels, which makes them suitable for integration into existing buildings as well as new projects. Depending on the required resistance level, the panels are available in thicknesses from 70 to 160 mm, with weights from 200 to 1215 kg/m². This modular construction allows the vault room to be adapted to the technical constraints of the site, the available space, the floor load and the insurer's requirements. Whether a modular vault room or a concrete construction is the better choice in your situation is explained on our overview page for vault rooms and vault doors.

Depending on the project, additional protection can be provided: core drill protection CD (KB) against diamond tools, explosion resistance EX and fire resistance up to 180 minutes according to EN 1634-1. These options allow the vault room to be tailored to specific risks and to demanding professional or institutional environments.

Wertheim vault doors are built for high mechanical resistance. They are fitted with solid rectangular bolts and a reinforced locking profile along the full height of the hinge side. Depending on the resistance grade and configuration, door weights range from 340 to 4300 kg.

From Grade IV upwards, two EN 1300 Class B certified locks are required. The vault doors can be fitted with mechanical or electronic safe locks, or a combination of both, depending on the security requirements, the intended use and the insurance conditions. Preparation for integration into an alarm system is provided, so the door can be connected to an existing detection or monitoring installation.

Certain Wertheim vault doors can also be configured to be locked or opened from the inside. This allows the vault room, depending on the project and configuration, to serve as a secure room or panic room — relevant in environments where the protection of people matters as much as the protection of valuables.

Some versions can additionally be equipped with an emergency door, in Grades I to V and VII to VIII KB. This option guarantees emergency access in the event of a technical failure or in exceptional situations.

Atelier Boonen supports every Wertheim vault room project from the technical analysis through to delivery and installation in Belgium. The resistance grade, the type of vault door, the modular panels, the locks and the additional options are determined by the level of risk, the structural constraints of the building and the insurer's requirements. If you also wish to install individual safes alongside the vault room, you will find our range on the page buy a safe in Belgium.

See also our other vault rooms and vault doors or read how to approach buying a safe in Belgium, with delivery and installation by our own team.

Burglary resistance class 1 to 13
Indication of insurable value: on request (vault rooms fall outside the standard table per class)

- Tested by VdS and certified by ECB·S in accordance with the European standard EN 1143-1, Grade I to XIII, optionally with CD and EX
- CD (Core Drill; KB at VdS) is additional armouring against diamond core drilling and other diamond tools
- EX: explosion-resistant, tested with a solid explosive charge
- Massive construction: vault room cast on site in reinforced concrete
- Modular construction: prefabricated panels of 70 to 160 mm, welded or bolted, 200 to 1215 kg/m²
- Optional fire resistance up to 180 minutes according to EN 1634-1
- Vault door fitted as standard with two mechanical locks (EN 1300 class B); electronic locks and time lock optional

- Vault door prepared for connection to an electronic alarm system
- Optional: operation from the inside (panic room) and emergency door in classes 1 to 5 and 7 to 8 KB
- Door weight from 340 to 4300 kg depending on class and configuration

Model specifications

Model	Outer dimensions (mm)	Internal dimensions (mm)	Volume (L)	Weight (kg)	Shelves
EWT 5	H0 W0 D0	H0 W0 D0	0 L	880 kg	0
FWT 6	H0 W0 D0	H0 W0 D0	0 L	900 kg	0
HWT 8	H0 W0 D0	H0 W0 D0	0 L	1400 kg	0
IWT 9	H0 W0 D0	H0 W0 D0	0 L	1410 kg	0
JWT 10	H0 W0 D0	H0 W0 D0	0 L	2000 kg	0
KWT 11	H0 W0 D0	H0 W0 D0	0 L	2715 kg	0
LWT 12	H0 W0 D0	H0 W0 D0	0 L	2805 kg	0