

Atelier Boonen - Vault rooms and vault doors Wertheim



Additional information

Wertheim xWT – Vault doors and strong rooms up to Class XIII KB EX

The Wertheim xWT series offers certified security solutions for high-risk environments such as banks, government sites, and critical infrastructure. All systems comply with EN 1143-1, in resistance grades I to XIII KB EX.

The modular wall panels are available in thicknesses from 70 to 160mm, with panel weights ranging from

200 to 1215 kg/m². Optional features include core drill protection (CD) against diamond tools, explosion resistance (EX), and fire protection up to 120 minutes (EN 1634-1).

Each xWT vault door is fitted with oversized rectangular locking bolts and a reinforced hook-style profile along the full hinge side. Door weights range from 340 to 4300 kg, and all doors are pre-fitted for intruder alarm system integration. From grade IV upwards, two EN 1300 Class B locks are required—mechanical, electronic, or a combination of both.

Selected models are also available with an integrated emergency door (grades I to V and VII to VIIIKB), ensuring access in case of technical failure of the main lock.

Wertheim xWT combines structural strength, certified resistance, and uncompromising protection at the highest level

Burglary resistance class : from 1 to 14

Indication of value storage on request

- Tested by and certified by ECB.S in accordance with European standard EN 1143-1 Grades I to XIII CD
- CD stands for "Core Drilling" and is an additional armoring against diamond tools.
- Massive construction, cast in reinforced concrete
- Modular construction with panels, welded or riveted
- Vault door is standard equipped with 2 mechanical locks
- Safe door is prepared for the installation of an electronic alarm system

[img id=1127 size=medium]images/Wertheim_prefabricated_vault room.jpg[/img] Plan prefabricated vault room with vault door Wertheim

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