BUNKER KIT

FLEXIBILITY

CERTIFICATIONS

MODULARITY
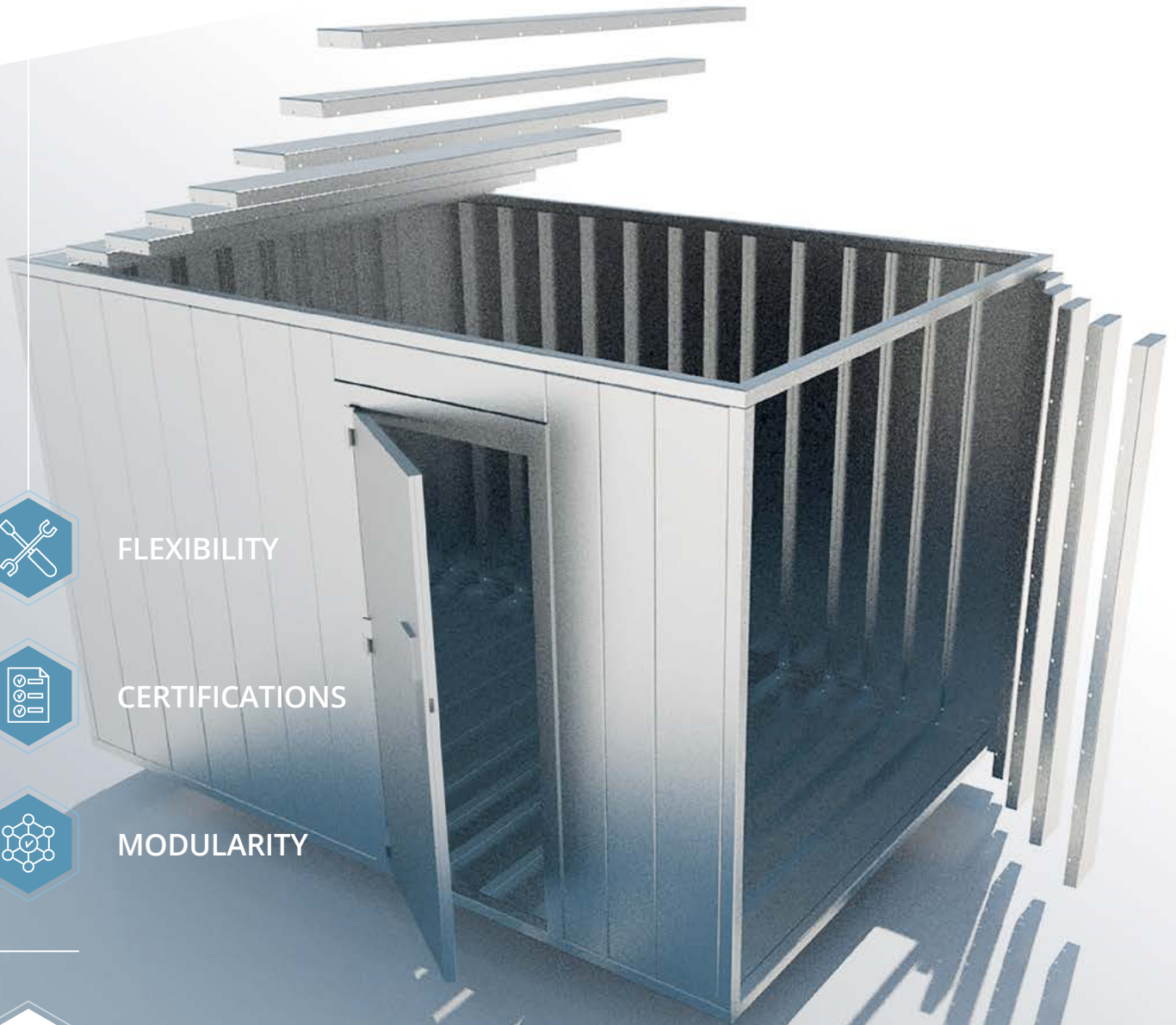
BULLET-PROOF

BURGLARY RESISTANCE
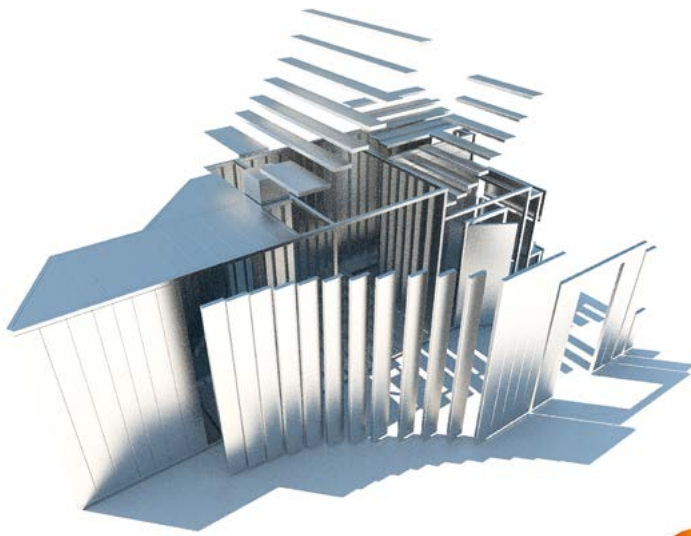
VAULT ROOM

ELECTROMAGNETIC SHIELDING

EURO GROUP

THE CONCEPT
RESISTANCE AND LIGHTNESS

Exploded view of the Bunkerkit

The Bunkerkit panel consists of one or more layers of steel which encapsulate a variable blend of materials depending on the performance features required.

This structure gives the panel two fundamental characteristics: resistance and lightness.

Bunkerkit is intended for the construction of modular partitions or enclosures for the protection of people and property. Bunkerkit is assembled using bolts only and can be quickly and easily installed while keeping the constraints on site to a minimum.

The innovation of Bunkerkit lies mainly in its modularity.

The Bunkerkit partitions are certified A2P for the burglary resistance performances RC3, RC4 and RC5.

ADVANTAGES

Mechanical assembly using bolts: no heavy work, no dust, no welding. Bunkerkit can be installed in just a few hours and limits the constraints on site thanks to its light elements and small dimensions.

With Bunkerkit, a secure enclosure can be installed quickly and easily, indoors or outdoors, with or without a floor / ceiling and in the size required for its intended use. This modularity is evolutive: Bunkerkit can be adapted to future developments. If necessary, it can be dismantled and moved, thanks to its reusable panels.

1
MINIMUM WEIGHT AND OPTIMISED DIMENSIONS

Light panels for a limited floor load.
-
Optimal dimensions for accessibility in all types of spaces.

2
EASY ASSEMBLY

Easy assembly using bolts only.
-
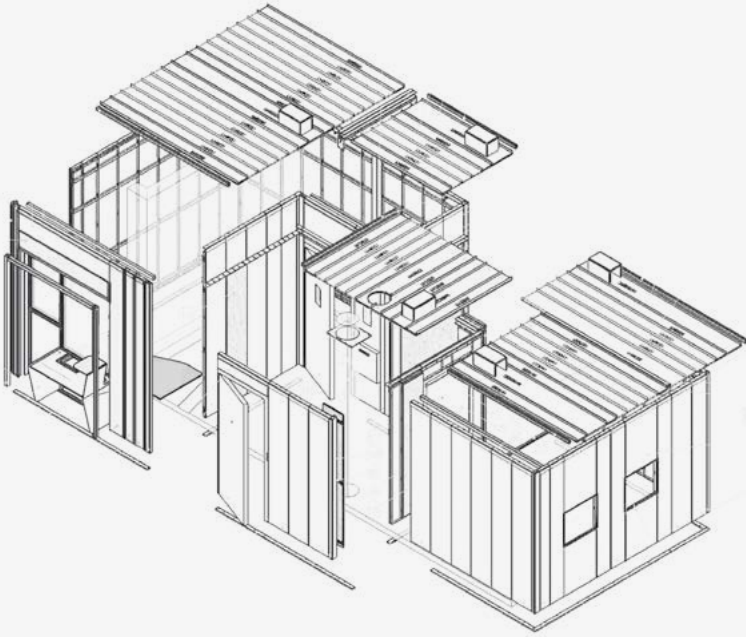Can be dismantled and reused at a minimum overall cost.
-
Few installation constraints: no fire permit, no heavy work, no dust.

3
CAN BE DISMANTLED AND REUSED

Multiple and evolutive configurations: curved facades, corners, integration of windows, accessories, compatibility of elements with different performance levels, etc.
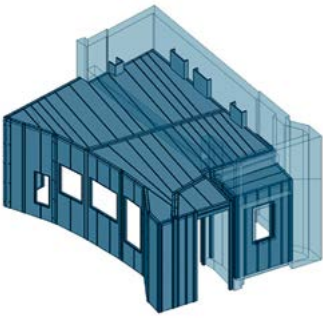
SUPPORT AND IMPLEMENTATION

The ease of installation of Bunkerkit products is also guaranteed by the involvement of our engineering and design department throughout your project.
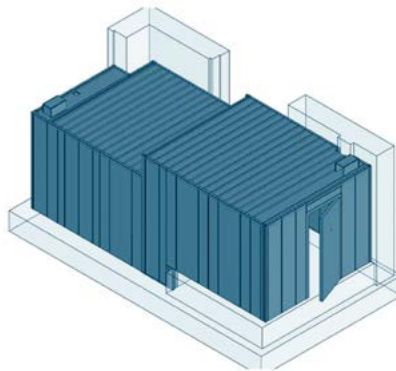
Complete project study dossier:

1. 3D plans of the installation before start
2. Assembly plans and instructions
3. 3DWP (Dossier of Work Performed)
4. Numbering and traceability of each element

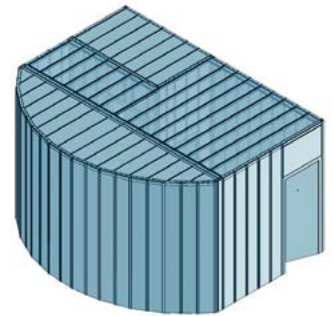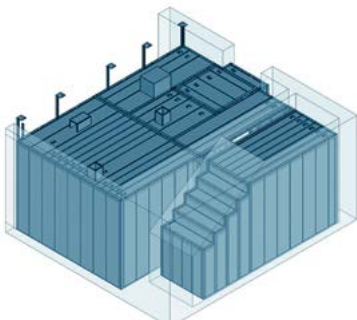# MODULARITY IN EVERY SHAPE AND FORM

Secure technical banking room
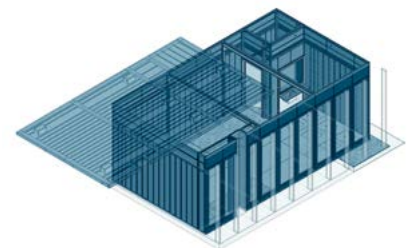
Panic room on two levels

Installation with a curved wall

Optimization of space under the stairs

Use in a complex architecture

Integration of a largely glazed facade

COMBINED AND CERTIFIED PERFORMANCE FEATURES
THE INTRINSIC PERFORMANCES OF THE BUNKERKIT

BURGLARY RESISTANCE
EN 1627-1630

- Available from class RC3 to RC6
- A2P Certified for the performances RC3, RC4 and RC5
- Tests by CNPP and the CSTC

RC4 et RC5 can be combined with bullet-proof performances features FB4 to FB7 and AK47.

VAULT ROOM
EN 1143-1

- Available from class I to V
- ECB-S Certified for class V (Flexofin)
- Tests by CNPP

BULLET-PROOF
EN 1522-1523

- Available from FB3 to FB7 and AK47
- Tests by the Laboratory of the Royal Military Academy of Belgium and Banc National d'Epreuve de Saint-Etienne (France)

Bullet-proof performances features can be combined with burglary resistance performances features RC4 and RC5.

ELECTROMAGNETIC SHIELDING
IEEE 299-2006

Available insulation performances ranging from 50dB to 100dB from 9KHz to 18GHz.

This configuration can also be combined with the burglary resistance performance features from class RC3 to RC6 and with FB3 to FB7 bullet-proof performance features.

ADDITIONAL PERFORMANCES

By adding an additional layer by cladding the Bunkerkit panels can achieve new performances.

FIRE RESISTANCE

European fire resistance standards have gradually taken over from the national standards and are now the reference for fire resistance tests and classification.
The reference for fire resistance tests on doors, shutter assemblies and windows is European standard EN 1634-1.

ACOUSTIC PERFORMANCE

Standard EN ISO 717-1 summarises the acoustic insulation to airborne sound in the frequency range from 50 to 5,000 Hz in a single index (Rw).

THERMAL INSULATION

The thermal insulation performance complies with the European standards EN 10077-1 and EN 10077-2 for the thermal transmission capacity.

AIR, WATER, WIND

The air water wind performance combines the specific characteristics of the tightness levels according to standards EN 1027 and EN 12208 for watertightness, EN 1026 and EN 12207 for airtightness and wind resistance.

THE HISTORY OF BUNKERKIT

Illustration of a Panic room

Our R&D teams came up with Bunkerkit: a reinforced modular panel for the construction of secure partitions and enclosures. Since then, Bunkerkit has developed steadily, adapting to meet the specific needs of other sectors and other uses.

2007
Metal Quartz, manufacturer of steel high-security joinery, designs and develops an innovative solution to support the development of bank branches. The concept: to open up the branch to the public and centralise cash in a secure enclosure.
Our R&D teams came up with Bunkerkit: a reinforced modular panel for the construction of secure partitions and enclosures.

2011
To meet the need to protect political public figures, Bunkerkit complies with the ballistic standards (EN 1522-1523) and offers a Panic room.

2015
To meet the particular requirements of a major player in the luxury sector, the Metal Quartz R&D team added new performance features to Bunkerkit, complying with the vault standard (EN 1143-1).

2017
Another performance feature is added to the Bunkerkit range: electromagnetic protection makes it possible to insulate the interactions between the inside and the outside of a shielded room.

2017
The Bunkerkit panels obtain A2P certification for their RC3, RC4 and RC5 performance levels in accordance with standard EN 1627-1630.

2018
A smooth finish on the inside wall becomes available as an option, also enabling improved thermal and acoustic insulation.

OUR PARTNERS AT YOUR SIDE

Thanks to our network of approved local partners, support is available for your projects from the initial request to installation, acceptance of works and maintenance.
Find the list of our partners on our website: www.bunkerkit.com

HIGH LEVEL SECURITY WITH BUNKERKIT

Thanks to a technical and commercial expertise, we will support you in the field, in the follow-up of your projects and will procure permanent professional trainings.

BK-config is a software tool available to our engineers to help our customers every step of the way in the development, sale and implementation of security projects.

Bunkerkit is a product designed, developed and manufactured by the company Metal Quartz in Péruwelz, Belgium. Metal Quartz meets ISO quality standards 9001.

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OUR CLIENTS

BANK : Argenta (BE) • AXA (BE) • Bank of Baroda (BE) • Bank of Tokyo (BE) • Banque Populaire (FR) • BCEE (LUX) • Belfius (BE) • BIL (LUX) • BNP Paribas Fortis (BE) • B-Post (BE) • Caisse d'Epargne (FR) • CBC (BE) • CIC (FR) • Crédit Agricole (FR) • Crédit du Nord (FR) • Crelan (BE) • Fintro (BE) • HSBC (FR) • Indosuez (FR) • ING (BE) • Jones Lang LaSalle (BE) • La Poste (FR) • Monte Paschi di Siena (BE) • LUX : Cartier (FR, CH) • Galeries Lafayette (FR) • Pichard Balme (FR) • Richemont (FR) • Vacheron Constantin (FR) • ENERGY : Alstom (FR) • Areva (FR) • CEA (FR) • EDF / CNPE (FR) • Engie (BE) • IRE (BE) • PUBLIC SECTOR : Ambassade Italie (LU) • Gouvernement belge (BE) • Gouvernement hollandais (NL) • Ministère de la Défense (FR, NL) • Office National des Pensions (BE) • SSD Sécurité Diplomatique (FR) • Trésor Public (FR) • RETAIL : Carrefour (BE) • IKEA (FR) • Monoprix (FR) • SECURITY : CS Communication & Systèmes (FR) • Genix Security (CH) • Thalès Group (FR) • MISCELLANEOUS: ADIT (FR) • Disney (FR) • Free (FR) • Novagraaf (FR).