

Abstract

Protection against Burglary, Aggression and Assault ver. 1.0

"building the safest possible environments"

Jealousy, aggression and violence are part of human nature. Alongside, some people lack all forms of respect and do not hesitate to use brute force and violence to take whatever they want. That is why Van Welleman Villas® takes extraordinary measures to protect our customers -as well as their belongings- against various forms of burglary (thieves) and/or violence (criminals). Smoke-curtains, taser-proof home automation, hi-jack prevention systems, panic-rooms, panic-floors as well as explosion-proof bunkers are only some out of a numerous list of solutions (most of them included in our standard offer).

The goal of Van Welleman Villas® is to provide our customers with the safest houses available. Protection against burglary, aggression as well as assault are covered in our standard proposal. Only protection against heavy criminality (grenade assault, automatic home-jack detection etc.) is optional.

Assault is not to be confused with burglary. Whereas burglars avoid personal contact and focus on value-goods, criminals focus on a faster and much higher "return on investment". As such, serious criminals do not hesitate to use brute force. Mostly they are not restricted by any kind of inhibitions such as compassion or fear to be punished. The more exclusive the house, the higher the "attraction" for these unpleasant guests.

The Van Welleman Villas® protection covers burglary, aggression as well as assault:

Burglary (protecting your goods)

Our portfolio against burglary cover "prevention" (e.g. visual and physical dissuasion, road blockers, ...), "detection" (e.g. Cameras, Laser barriers, RF barriers, Fence motion detection, ...), "protection" (e.g. security locks, impact-proof doors, surrounding security glass, moats, ...), as well as expulsion (e.g. alarm, high SPL noise, smoke screens, ...) and assistance (e.g. control room support by Securitas/G4S/...).

Aggression (protecting you against human violence)

On top of the burglary-related measures we add personal protection solutions such as metal shutters (i.e. avoiding intruders to move freely through your house), a permanent panic floor (i.e. an invisible "safe-zone" that is part of the everyday living space), immediate assistance (i.e. our "three-button" concept within reaching distance throughout the entire house) or even advanced video analytics (e.g. with automatic "hands-up" detection).

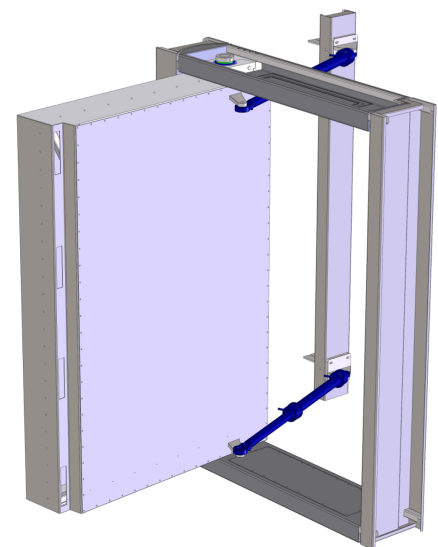
Assault (protecting you against lethal attacks)

On top of the aggression-related measures we add advanced personal protection though an over-pressurized bunker, escape ducts, or even aggressor-elimination systems.

Should this "Abstract" trigger your hunger for more information then there are a multitude of "White-Papers" available containing more detailed information on safety and security.

APB-proof Bunker

An APB-proof bunker protecting against Armor-Piercing Ballistics (bullets that even can perforate a Leopard tank) is part of our "standard" proposal.



Integrated Smoke-Canons

The smoke canons are a fully integrated part of the home automation system.



Metal Shutters

Metal shutters in the staircase not only protect against intruders but also against smoke and



What makes Van Welleman Villas® different ...

Modular Enclosure for Ballistic Payloads

All Van Welleman Villas® are equipped with a ballistic shelter containing a modular enclosure for ballistic payloads (i.e. a modular bullet-proof gate). By default they are resisting armor-piercing bullets that perforate easily a Leopard tank. Optionally they can be upgraded to withstand more severe attacks.

Three-Button Alarm Activation

We equip all of our houses with the 1-2-3 Simplicity feature. Pressing one button controls lights/dimmers, pressing two buttons deactivates all lights in the room/zone/house. Pressing three buttons simultaneously activates predefined safety procedures (see WhitePaper on 1-2-3 Simplicity Control for more details).

Assault/Hacker-Proof Residential Automation

The home automation system (i.e. domotics) is completely isolated from the Internet as well as the outside world. They are also protected against physical attacks and assaults using tasers.

Redundant Power Distribution & Emergency Power Provisioning

Redundant power distribution (using different technical ducts) avoid total loss of power in case of fire. Powerful diesel generators (15KVA standard) ensure proper power provisioning with secondary diesel tanks (optional) ensuring total independence from public power provisioning.

Panic-Floor with multiple Escape Ducts

Our panic-floors typically include the master bedroom, dressing, shower and a separate toilet enabling luxurious staying regardless the circumstances. Multiple escape ducts throughout the premises enable a safe path to the blast-proof bunker for advanced protection.

APB-Proof Bunker with multiple Escape Ducts

An underground APB-proof (**A**rmor **P**iercing **B**allistics refers to bullets that can perforate steel armors or even military Leopard tanks) bunker provides additional protection against heavy banditry with armor-piercing ballistics (see modular enclosure for ballistic payloads).

Isolated Network & Security Server

Our core systems are restricted to the bunker-zone and equipped with analog communication buses (non-digital) for optimal protection against in-house hacking. Security video cameras have their own physical network preventing unwanted insight.

Burglar-Proof Windows, Doors, Glass ...

Burglar-proof doors and windows are standard equipped with tampered security glass. The latter is laminated with multiple transparent plastic layers to withstand physical attempts to intrude. Optionally they can be equipped with detection devices (open/close, break, etc.) to be connected to the security system.

Hi-Jack Prevention

Our hi-jack prevention system is integrated with the home security system preventing you to access "unsafe" zones. For instance, you can not access the driveway when you come home in case the system assumes an unsafe situation.

Invisible Smoke Screens

We selected the very best smoke-canon systems that project the finest and most intense smoke possible. The smoke is completely harmless and guaranteed residue-free (i.e. no dust or other residue after activation).

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