VULTEK+ A

Aluminium doors with multi-resistance against fire, manual and ballistic attacks

A certified protection to people and valuables by isolating fire in a limited area of the building and preventing it from spreading.

Security is continuously evolving as the risks, the technologies and the vulnerabilities are changing. Thus the need for security doors offering two or more physical resistances is increasing. In highsecurity sites, public and commercial buildings environments, companies are requesting protection combining fire, burglary and ballistic or blast resistances.

As fire protection requires specialists, Fichet has developed VulTek+ A, a new range of aluminium security doors that offers multi resistance against fire, manual attacks, ballistic

attacks or blast protection, that is certified according to the European standards. Developed to be installed inside the building, VulTek+ A is available in two ranges, providing fire resistance or fire cutting up to 30 minutes.

Therefore, VulTek+ A features a single door solution that is certified in class E30 according to EN 1634-1. The VulTek+ A range also includes a door version that is tested and certified for Level EI_230, providing additional resistance for manual attack, for ballistic protection and for blasts.

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VULTEK+ A

Material

Framework	Extruded aluminium profile
Infill	Solid infill with fire protection and steel armour
Finish	Powder coat to RAL 9010, 9006, 7035 or 7037

Standard equipment

Locking	3-point mechanical lock/automatic locking
Handle	Handle Handle on both sides
Door closer	Surface mounted door closer

Reference standard

Leaf	Single
Operating	Manual hinged doorsets
Opening	Up to 150° inward or outward
DIN	Left or right
Clear opening	900mm at 90° (single leaf)

Certification

The Fichet VulTek+ A complete doorsets are certified E30 and EI$_2$30 for fire resistance according the European standard EN 1634-1 which are covering two norms: E30 for fire resistance and EI for cutting fire.
"EI" certification to standard EN 1634-1 defines the ability of a product to retain specific characteristics for a given time, against fire, where:
- "E" defines the product integrity i.e. the door's capacity to prevent from the passage of smoke, combustion gases or flames
- "I" indicates the thermal insulation i.e. the door's capacity to reduce the transmission of heat.

VulTek+ A also provides resistance against ballistic attacks for levels FB6 (Combination rifle-assault and rifles) and FSG (shotguns) in accordance with EN 1522 European Standards.

For the cutting-fire version (against heat conduction), the VulTek+ IA offers an additional fire isolation and optional manual attack resistance for RC4 in accordance with EN 1627-30 and blast protection for level EPR1 according to EN 13123/124-1.

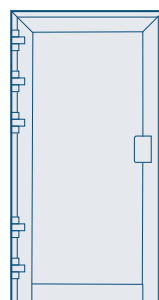|	
VULTEK+ A	Fire resistance E30 Manual-attack resistance RC4-RC5 Ballistic resistance FB6
VULTEK+ IA	Fire cutting EI$_2$30 Manual-attack resistance RC4 Ballistic resistance FB6 Optional resistance EPR1

Models

- Certified Fire Resistance Doors VulTek+ A E30-S and VulTek+ IA EI30-S.

Options

- Painted RAL colours
- 3-point electrical lock (with automatic locking)
- Door closer, handles
- High security cylinder

Range composition

VulTek+ A et VulTek+ IA

Single leaf

VULTEK+ A

Standard technical specifications

Models	Rating			Leaf options	Overall dimensions of the door (mm)		Door opening at 90°		Aluminium framework	Infill
	Fire resistance	Manual attack resistance	Ballistic resistance		Total standard width	Total standard height	Total standard width (mm)	Total standard height (mm)		
VULTEK+ A E30-S M4-D6	E30 to EN 1634-1 EN 13501-2	RC4 to EN 1627-30	FB6/FSG to EN 1522	Single	1150	2130	900	2050	80mm thick	Solid
VULTEK+ IA EI30-S M4-D6	$EI_2 30$ to EN 1634-1 EN 13501-2	RC4 to EN 1627-30	FB6/FSG to EN 1522	Single	1150	2130	900	2050	92mm thick	Solid

Optional technical specifications

Model	Manual attack resistance	Blast resistance	Non standard width (mm)	Non standard height (mm)	Electric locking
VULTEK+ A E30-S M5-D6	RC5 to EN 1627-30	-	850-1150	2050-2500	○
VULTEK+ IA EI30-S M4-D6-AT50	RC4 to EN 1627-30	EPR1 to EN13123/124-1	980-1150	2050-2500	○

○ Optional

- Not available

Site preparation

Masonry size * = H+10mm
Manufacture size = H (standard H = 2130mm)
Manufacture size = W (standard width = 1150mm)
Masonry size * = W+10mm

SECURE SIDE
ATTACK SIDE
$H1 = H-82mm$ (standard H1 = 2048mm)
92

Passage 155° = W-164mm
Passage 90° = W-248mm (standard passage = 902mm)
SECURE SIDE
ATTACK SIDE
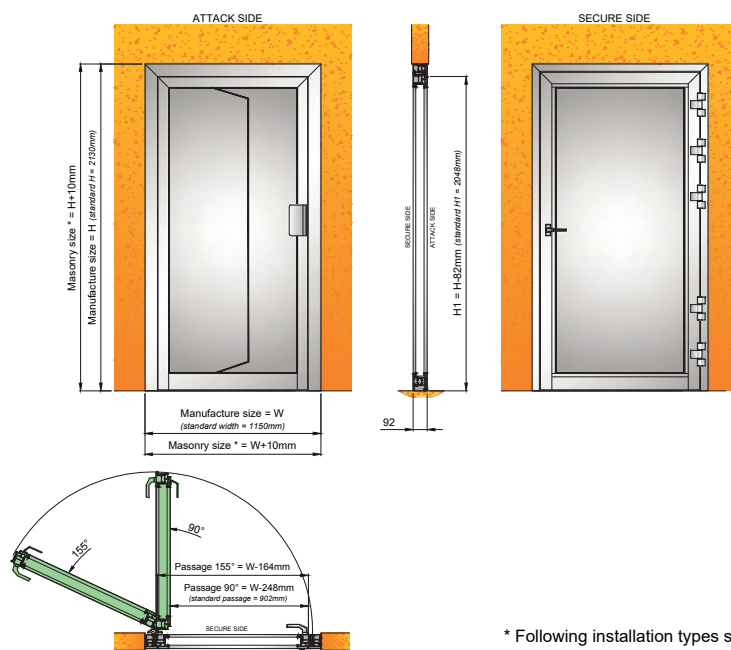
* Following installation types see the technical data sheet.

VulTek+ A drawings are available upon request.

Notice:
- The product performance depends upon the quality of its installation. All installation details are provided in the VulTek+ A installation manual.
- As standard, Fichet VulTek+ A doors are delivered with a fixed frame for sealing into concrete walls. Fixed frames for screw fixing into masonry or welding on iron support are available on demand.
- Any modification of a certified doorset by adding non factory fitted device may result in the loss of certification. Contact Fichet for more information.
- Certificates for fire resistance are available on demand. Depending upon the country, a validation of the test certificate may be required by local fire regulation bodies. Contact Fichet for any certificates request.

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