



# VULTEK+ A/IA/AS

## Doors with multi-resistance against fire, manual and ballistic attacks

**Certified protection for people and valuables to isolate fire in a limited area and prevent it from spreading.**

Security is continuously evolving as risks, technologies and vulnerabilities change. As a result, the need for security doors offering two or more physical resistances is increasing. For high-security sites, public buildings as well as commercial environments, organisations now require protection combining fire, burglary and ballistic or blast resistance.

Fire protection is a matter for specialists. This is why Fichet has developed VulTek+ A/IA/AS, a new range of aluminium security doors offering multi resistance against fire, manual attacks, and ballistic attacks. Certified according to European standards. VulTek+ A/IA/AS doors are available in 3 versions allowing for certified flame resistance up to grade E60 as per EN1634-1 and firebreak protection up to grade EI120, i.e. for 120 minutes.

VulTek+ A/IA/AS also provide additional resistance against manual attack, ballistic attack and blasts.

Aluminium is an easy-to-work material and the VulTek+ A/IA/AS range offers an ideal solution for combining design and functional requirements.

With a wide choice of options (sizes, finishes and colours), VulTek+ A/IA/AS doors deliver seamless integration and provide you with a flexible solution for new buildings as well as renovated sites.

# VULTEK+ A/IA/AS

## Construction

Leaf	Swing doors
Opening	Inward or outward, DIN left or right

## Material

Framework	Extruded aluminium profile
Infill	Infill with fire protection and steel armour
Finish	According to RAL color chart

## Equipment

Locking	3-point mechanical or motorized lock with automatic relocking
Handle	Push-pull handle on both sides
Door closer	Surface mounted door closer
Barrel	European profile cylinder

## Certification

Fichet's VulTek+ A/IA/AS complete doorsets are certified for fire resistance according to European standard EN 1634-1 with two-letter grades defining their respective levels of fire resistance—where:

- “E” defines product integrity i.e. door capacity to prevent the spread of fire
- “I” indicates thermal insulation i.e. door capacity to reduce the transmission of heat.

VulTek+ A/IA/AS doorsets also provide additional protection against:

- Ballistic attacks as per EN 1522
- Burglary attacks as per EN1627-30
- Blast as per EN13123/124-1 standards.

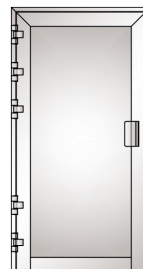
### KEY FEATURES

- Certified fire protection
- Certified resistance against manual attacks.
- Certified resistance against ballistic attacks.
- Optional blast resistance.
- Compliance for emergency exit as per EN 179 and EN 1125.
- Choice of finishes and accessories.

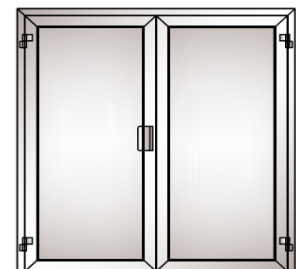
## Range composition

<b>VULTEK+ A (ALU)</b>	Fire resistance E60 – EI <sub>2</sub> 30 Manual-attack resistance: RC5 Ballistic resistance up to level FB7 (indoors installation only)
<b>VULTEK+ IA (ALU)</b>	Firebreak protection: EI <sub>1</sub> 30 and EI <sub>2</sub> 30 Manual-attack resistance: RC4 Ballistic resistance up to level FB6 Optional blast resistance: EPR1
<b>VULTEK+ AS (ALU/STEEL)</b>	Fire resistance: EI <sub>2</sub> 60 ; EI <sub>1</sub> 60 & EI <sub>2</sub> 120 Manual-attack resistance: RC4-RC5 Ballistic resistance: FB6

VulTek+ A et VulTek+ IA (2-sided aluminium finish)



Single leaf



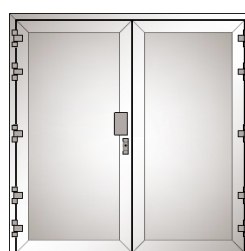
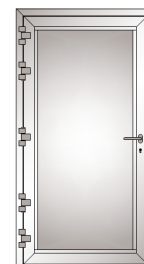
Double leaf

VulTek+ AS

- EI<sub>2</sub>60: finish 1 side aluminium + 1 side steel)
- EI<sub>1</sub>60 & EI<sub>2</sub>120: 2-sided steel finish)



Single leaf



Double leaf



*aesthetics, elegance and discretion*

# VULTEK+ A/IA/AS

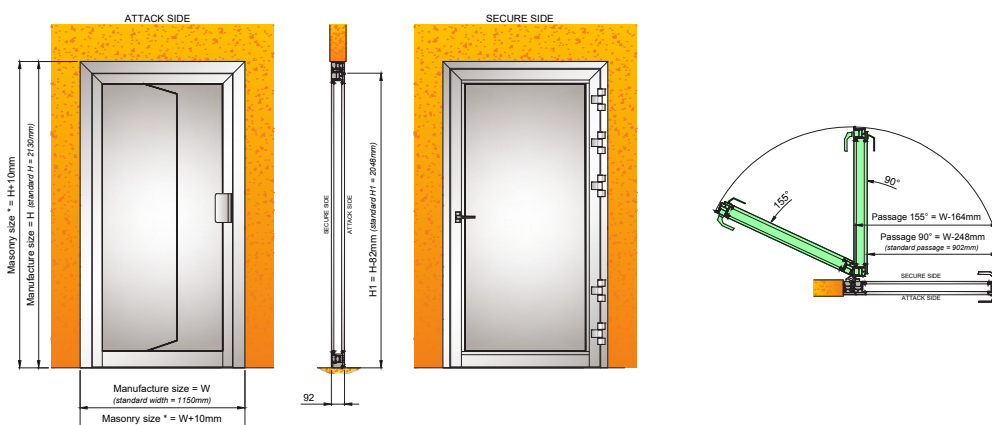
## Standard technical specifications

Models					Leaf options	Overall dimensions of doors (mm)		Aluminium Framework	Infill
	Fire EN 13501-2	Manual attack resistance EN 1627-30	Ballistic resistance EN 1522	Blast resistance EN 13123/124-1		Total standard width	Total standard height		
<b>VULTEK+ A EI30-S M5-D6</b>	E60 - EI <sub>2</sub> 30	RC5	FB6/FSG	-	Single/ Double	850-1300 1300-2070	2050-2500	80 mm thick	Solid
<b>VULTEK+ A EI30-S M5-D7</b>	E60 - EI <sub>2</sub> 30	RC5	FB7/FSG	-	Single/ Double	850-1300 1300-2070	2050-2500	80 mm thick	Solid
<b>VULTEK+ IA EI30-G M4</b>	EI <sub>2</sub> 30 EI <sub>1</sub> 30	RC4-P6B	-	-	Single/ Double	980-1150 1300-2270	2050-2500	92 mm thick	Glass
<b>VULTEK+ IA EI30-S M4-D4</b>	EI <sub>2</sub> 30	RC4	FB4/FSG	-	Single/ Double	980-1150 1300-2270	2050-2500	92 mm thick	Solid
<b>VULTEK+ IA EI30-S M4-D6</b>	EI <sub>2</sub> 30	RC4	FB6/FSG	Option EPR1	Single/ Double	980-1150 1300-2270	2050-2500	92 mm thick	Solid
<b>VULTEK+ AS EI60-S M4-D6</b>	EI <sub>1</sub> 30 EI <sub>2</sub> 60	RC4	FB6/FSG	-	Single/ Double	850-1300 1300-2400	2090-2500	100 mm thick	Solid
<b>VULTEK+ AS EI60-S M5-D6</b>	EI <sub>1</sub> 30 EI <sub>2</sub> 60	RC5	FB6/FSG	-	Single/ Double	850-1300 1300-2400	2090-2500	100 mm thick	Solid
<b>VULTEK+ AS EI120-S M4-D6</b>	EI <sub>1</sub> 60 EI <sub>2</sub> 120	RC4	FB6/FSG	-	Single/ Double	850-1300 1300-2400	2090-2500	120 mm thick	Solid
<b>VULTEK+ AS EI120-S M5-D6</b>	EI <sub>1</sub> 60 EI <sub>2</sub> 120	RC5	FB6/FSG	-	Single/ Double	850-1300 1300-2400	2090-2500	120 mm thick	Solid

○ Optional

- Not available

## Site preparation



Doors must be fitted into min. 200mm-thick concrete or brick walls.

VulTek+ A/IA/AS reference drawings are available upon request.

### Notice:

- Product performance depends upon the quality of its installation. All installation details are provided in the VulTek+ A installation manual.
- Any modification of a certified doorset by adding non factory fitted devices may result in the loss of certification. Contact Fichet for more information.
- Certificates for fire resistance are available on demand. Depending upon your 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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