

Steel doors with multi-resistance against fire and manual attacks

A tailored door solution for fire protection offering multi resistance.

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 high-security 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+ S, a new range of steel security doors that offers multi resistance against fire for class El₂60 in accordance

with EN 1634-1 and for manual attacks for levels RC3 and RC4 according to EN 1627-30, all of which are certified. As an option, you can benefit from a certified resistance against ballistic attack for levels FB4 and FSG in accordance with the EN 1522 European standards. Available in single and double door version, VulTek+ S can be installed inside or on the exterior facade of your building and provides fire protection up to 60 minutes.



Material

Framework	Electro galvanised steel					
Infill	Electro galvanised steel sheets folded at the edges with fire protection					
Finish	RAL					

Standard equipment

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

Construction

Leaf	Single or double				
Operating	Manual hinged doorsets				
Opening	Inward or outward				
DIN	Left or right				
Clear opening	900mm at 90° (single leaf)/ 1800mm at 90° (double leaf) 20mm doorstep				

Reference standard

The Fichet VulTek+ S complete doorsets are certified El260 for fire resistance according the European standard EN 1634-1.

"EI" certification to standard EN 1634-1 defines the ability of a product to retain specific characteristics for a given time, against fire:

- "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+ S also provides certified resistance against manual attacks for level RC3 and RC4 in accordance with the EN 1627-30.

When needed, VulTek+ S offers optional resistance against ballistic attacks for levels FB4 NS (pistols) and FSG (shotguns) in accordance with EN 1522 European Standards.

Models

 Certified Fire Resistance Doors VulTek+ S El60-S M3,VulTek+ S El60-S M4, VulTek+ S El60-P M3 and VulTek+ S El60-P M4.

Options

- Painted RAL colours
- · Panic push bar
- · 3-point electrical lock
- Door closer
- Aeration grid
- · Glazed oculus

Range composition

VulTek+ S





leaf

KEY FEATURES

- Fire-certified and manual attack protection
- Optional certified resistance against ballistic attacks.
- Emergency exit according to EN 179 and EN 1125.
- Choice of finishes and sizes.

Locking options

		Resistan	ce Levels		Optio	ons**	Options		
Lock Model	Fire in accordance with	Manual attack in accordance with EN 1627		Bullet-proof in accor- dance	Panic bar	Free exit handle	Controlled exit		
	EN 1634-1	RC3	RC4	with EN 1522	EN 1125	EN 179			
Multi-point mechanical key lock									
Mottura mechanical lock	•	•	•	•	0	0	-		
Iséo Multiblindo Classic	• •		•	•	-	-	-		
Multi-p	oint mechan	ical key loc	k with RAN	* (automated	d re-locking) feature			
Iséo Easy Exit	•	•	•	•	0	0	○ (Open Up handle)		
Assa abloy EL366	• •		•	0	0	-			
Motor-d	lriven multi-p	ooint key lo	ck with RAI	/I* (automate	d re-locking	j) feature			
Iséo Emotion Exit	•	•	•	•	0	0	○ (Open Up handle)		
Assa Abloy EL566 (controlled entry with handle / free exit with handle)	•	•	•	•	0	•	-		
Assa Abloy EL567 (controlled entry and exit with handle)	•	-	-	•	0	0	0		
Assa Abloy EL256	• • •		•	•	0	0	-		

^{*} RAM: Automated re-locking

• Standard Optional - Not available

^{**} Opaque door only

Standard technical specifications

Model	Rating			l ser	Ove	rall dimensi (m	ons of the o	Clear passage (door opening at 90°) (mm)		Ot all	
	Fire		Ontional	Leaf options	Width		Height				Steel Infill
	Fire resis- tance	Manual attack resistance	Optional ballistic resistance		Surface mounted	Tunnel mounted	Surface mounted	Tunnel mounted	Width	Height	
VulTek+ S El60-S M3 D4		RC3 to EN 1627/30	FB4 NS / FSG to	Simple /	980- 1918	1070- 1998	2090- 2090	2135- 2135	900- 1800	2050	- Solid - Oculus
VulTek+ S El60-S M4 D4	to EN 1634-1	RC4 to EN 1627/30	EN 1522						900- 1800	2050	
VulTek+ S El60-P M3 D4		RC3 to EN 1627/30	FB4 to	Double					900- 1800	2050	
VulTek+ S El60-P M4 D4		RC4 to EN 1627/30	EN 1522	522					900- 1800	2050	

Min-Max technical specifications

Model	Rating			Leaf	Overall dimensions of the door (mm)				Clear passage (door opening at 90°)(mm)		Steel
	Fire	Manual	Optional	options	Min-Max Width		Min-Max Height		Min-	Min-	Infill
	resis- tance	attack resistance	ballistic resistance		Surface mounted	Tunnel mounted	Surface mounted	Surface mounted	Max Width	Max Height	
VulTek+ S El60-S M3 D4		RC3 to EN 1627/30	FB4 NS /	Simple / Double	780- 1280 / 1518- 2118	898- 1398 / 1598- 2198	1990- 2340 / 1990- 2340	2035- 2385 / 2035- 2385	700- 1200 / 1400- 2000	1950- 2400 / 1950- 2400	Opaque
VulTek+ S El60-S M4 D4	EI ₂ 60	RC4 to EN 1627/30	- FSG to EN 1522								
VulTek+ S El60-P M3 D4	to EN 1634-1	RC3 to EN 1627/30	FB4 to								
VulTek+ S El60-P M4 D4		RC4 to EN 1627/3	EN 1522								Oculus

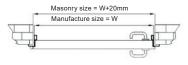


Site preparation

Surface-mounted version





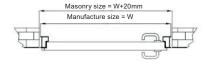


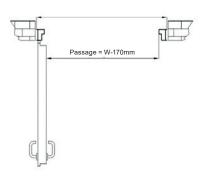


Tunnel mounted version









Notice:

- The product performance depends upon the quality of its installation. All installation details are provided in the VulTek+ S installation manual.
- 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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