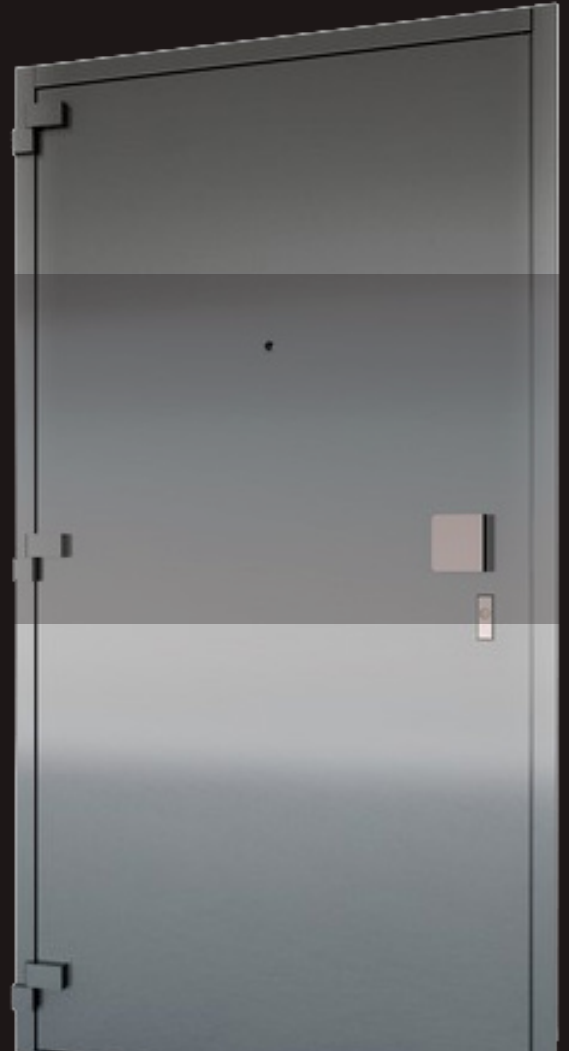


CityDoor

TRIPLE PROTECTION FOR
YOUR HIGH-SECURITY
REQUIREMENTS



EN 1627-30
RC4 & RC5



EN 1522
FB4 & FB6



EN 1634-1
E60
EI₂,30
EI₂,60

CityDoor

CityDoor combines cutting-edge technology with an innovative design to provide triple protection against manual attacks, weapons attacks and fire. Perfectly designed to meet medium- and high-security sites' requirements, CityDoor protects sensitive zones, but without preventing them from being evacuated in emergencies.

Main features

TRIPLE PROTECTION:

Manual attack (Levels RC4 and RC5 in accordance with EN 1627-30). Ballistic protection (levels FB4 and FB6, in accordance with EN 1522) and fire resistant (Levels E60, EI₂30 and EI₂60 in accordance with EN 1634-1).

EASY INSTALLATION:

Versatile frame that can be sealed or bolted.

OPERATING DEVICES:

Free exit via interior handle, exit managed by an access control system, controlled exit triggered by an alarm system (fire or break glass unit). CityDoor has been designed for use in emergency situations.

ELEGANT DESIGN:

Steel with a selection of colour finishes (RAL 7040 as standard and RAL 5008 as an option).

VERSATILE SOLUTION:

Available with 3 doorway widths (700, 800 and 900 mm) and based on the four common directions of passage (pull left/right, push left/right).

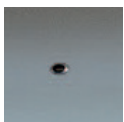


DIFFERENT LOCKS AVAILABLE:

Mechanical or electrical, with an automatic re-locking function.

Wide range of options and customisable features

Mechanical lock, electrical lock, thermo-constant door-closer, integrated electronics, alarm kit, Open Up handle, multi-feature touch-sensor button, peephole with ballistic protection of up to FB4, doorstop, power supply box, connection box.



Peephole



Door-closer



Cylinder protection



Anti-unhinging mechanism



Doorstop



Touch-sensor button



Lock

Securing sensitive sites: a major challenge

With the numbers of attacks on the increase, companies – particularly those operating in the banking, public, governmental and retail sectors – are aware of just how important it is to protect their employees and their visitors, as well as their valuable assets. Safes are vital for protecting secure premises and sites. However, faced with everincreasing risks, a growing number of organisations want to implement complementary solutions to protect themselves against weapons attacks or fire. And for everyone, ensuring high security starts with the door. And because no two companies have the same requirements or space constraints, there needs to be a perfect match between the security offered by the carpentry work and its adaptability.

Fichet Bauche's CityDoor is a solution comprising steel door blocks which can be adapted to the physical constraints of your environment without compromising on safety or security. CityDoor has been certified as resistant against manual attacks, weapons attacks and fire. It can be fitted with either mechanical or electrical locks so that a complete and effective access control system can be used to manage passthroughs.



High level triple protection

Each component making up the CityDoor – its frame, hinges, locks and accessories – has been designed to meet the highest standards regarding protection against manual attacks, resistance to weapons attacks and protection against fire. The CityDoor has been developed to protect zones where there is a high risk of manual attack, and which also require optional protection against weapons attacks and resistance to fire. The whole range has undergone compliance and reliability tests conducted by independent French laboratories in order to guarantee certification to the highest levels.

PREMIUM RESISTANCE TO MANUAL ATTACK

CityDoor has been designed to withstand manual attacks, as defined by the European EN 1627-30 standard. It has been awarded class RC4 and RC5 in recognition of its ability to withstand powerful hand tools (saws, hammers, axes, chisels) or hand-held electric motor-operated tools (drill, jigsaw, grinder).

IMPENETRABLE BULLET-PROOF STRUCTURE

The steel frame is reinforced with special shielding to withstand firearms attacks in accordance with the European EN 1522 standard. CityDoor can therefore guarantee a high level of impenetrability; the door blocks have been tested and found to meet levels FB4 or FB6, depending on the model.

REINFORCED FIRE PROTECTION

CityDoor is available in flame-proof variants tested as meeting E60 and firewall variants in compliance with level EI₂30 (CityDoor S4) and EI₂60 (CityDoor S5) in compliance with the European EN 1634-1 standard.



Made-in-France reliability, innovation and precision

CityDoor's solid structure is made up of several sheets of steel forming a 100mm-thick envelope together with reinforced hinges. The door block's resistance can be adjusted depending on the severity of the risks to which you are exposed.

CityDoor's versatile frame can either be bolted or sealed in. It can therefore be incorporated into all types of building and can be used with all types of installation (new constructions or renovations).

CityDoor can be connected up to any access control system. Supplied with an electronic card, the door is preconfigured to be connected up to the SecurWave intrusion-detection system, the EasySas solution for servo control and the SoloTek single-passage detection system.

All the models have been designed and built in accordance with rigorous procedures and in compliance with ISO 9001 quality standards. CityDoor is developed and built at Fichet Bauche's long established factory, which has an R&D department specialised in mechanics and logic controllers.



Locks and locking mechanisms

Fichet Bauche has drawn on its expertise in ironwork to add an additional level of protection to its CityDoor solutions.

As standard, the door block is fitted with a 3-point lock with upper and lower hook bolts. The door is locked with a single turn of the key; the lock is available in 3 versions for use with all possible configurations:

- **Mechanical keylock** for manual locking/unlocking;
- **Mechanical lock with automatic mechanical re-locking (RAM)** for key unlocking and automatic locking as soon as the door is closed;

- **Motor-driven lock with automatic mechanical re-locking (RAM)** for emergency key unlocking and automatic locking as soon as the door is closed; With the motor-driven lock, the door can switch from mechanical to electrical operation without any constraints (via a key, lever handle or panic bar command, or via an electrical command).

In automatic mechanical re-locking mode (RAM), the lock automatically locks all of the door's bolts every time it is closed, for maximum security.

	Mechanical lock	Automatic mechanical re-locking lock (RAM)	Motorised automatic mechanical re-locking lock (RAM)
Mechanical operation	●	●	-
Automatic mechanical re-locking (RAM)	-	●	●
Motor-driven unlocking	-	-	●
Key opening	●	●	●
Key locking	●	-	-
Emergency exit by backplate handle (EN 179)	-	●	●
Exit managed by access control	-	-	●
Exit managed by Open Up handle (emergency break glass unit function)	-	●	-

* Automatic mechanical re-locking (RAM) on all locking points

● Standard	- Not available
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Operating devices

Emergency situations can occur at any time. CityDoor can be used in a range of different configurations:

- **Free exit**

CityDoor is designed to meet emergency requirements. It can be freely exited in the event of evacuation so that emergencies can be safely dealt with, in compliance with the European EN 179 standard on emergency exits. A backplate handle opens the door from the inside, ensuring a fast and easy exit.

- **Controlled exit**

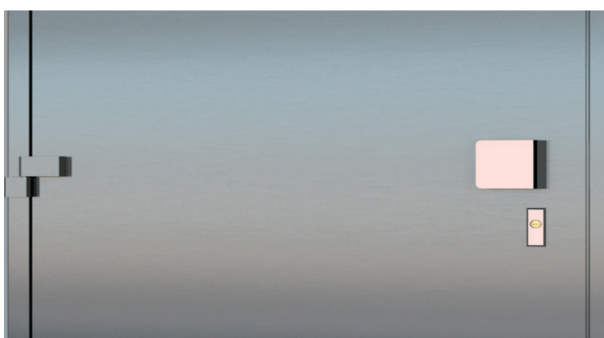
A zone can be evacuated in a controlled way. CityDoor can be connected up to an access control system that controls entrances and exits. There is a call button which will unlock the door when pressed, releasing the bolts so the door can be opened. It can also send a command to the access control system.

When CityDoor is fitted with an Open Up handle, the door can also be operated by a fire alarm system or a manual trigger (break glass unit type).

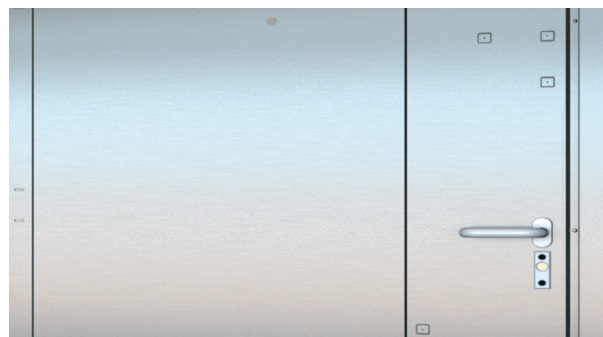
Handles and accessories

Because a door's handle also plays a part in its security, a selection of high-protection devices is available with CityDoor:

- **Pull handle** for pulling a door to open or close it;



- **Backplate handle** for manoeuvring a mechanical lock's latch bolt or unlocking all of the bolts on locks which feature the automatic mechanical re-locking function (RAM);



- **Open Up handle** on locks with automatic mechanical re-locking (RAM). In standard mode (normal operation), the Open Up handle system receives power so that the backplate handle is in the disengaged position. In emergency mode (emergency operation), the Open Up handle system no longer receives power (after the break glass unit has been used or following an order from the access control system). The backplate handle is therefore in the engaged position so that the lock can be unlocked.



Other equipment and accessories – such as a thermoconstant door-closer or a peephole – can customise your CityDoor installation so as to meet your requirements as closely as possible.

Construction

Structure	Steel
Panel	Steel sheeting panels
Finish	RAL 7040 textured powder (as standard) and RAL 5008 (optional)
Leaf	Single
Opening	On the left or on the right (pulling and pushing)
Passage width	700mm, 800mm, 900mm at a 90° opening angle

Technical specifications

		CityDoor S4	CityDoor S5
Resistance levels	Manual attack	RC4 in accordance with EN 1627-30	RC5 in accordance with EN 1627-30
	Bullet-proof (optional)	FB4 NS in accordance with EN 1522	FB6 NS in accordance with EN 1522
	Fire (optional) (attack side)	E60, EI ₂ 30 in accordance with EN 1634-1	E60, EI ₂ 60 in accordance with EN 1634-1
Available locks	Mechanical (except fire version)	●	●
	Mechanical with automatic re-locking (RAM)	●	●
	Electrical with automatic re-locking (RAM)	●	●
Standard equipment	Security cylinder, supplied with 3 keys	●	●
	Cylinder protection (special cylinder for A2P certification)	●	●
	Anti-unhinging mechanism	●	●
	Thermo-constant door-closer	●	●
	Single button on the protected side (electrical version)	●	●
	Cable passthrough (recessed)	●	●
	Packaged on a pallet	●	●

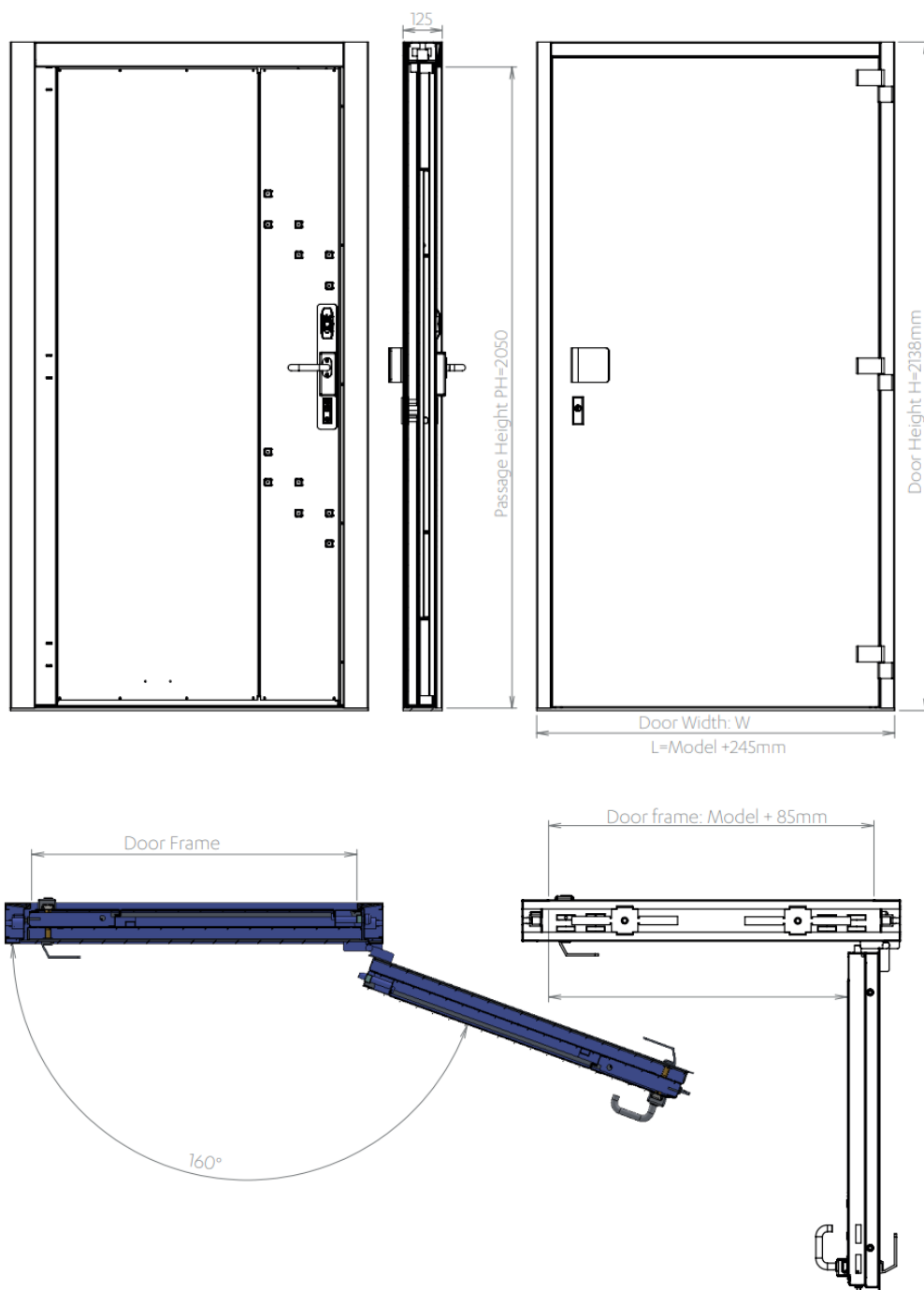
Additional specifications

	CityDoor S4	CityDoor S5
Handles available	Pull handle	
	Backplate handle (CityDoor S4 version)	
	Controlled Open Up backplate handle (CityDoor S4 version)	
Peepholes available	Standard peephole	
	Peephole for the ballistic resistance FB4 version	
	Peephole for the fire resistance version	
Additional options	Door stop	
	Touch button with display	
	GDC electric card (for stand-alone operation)	
	Alarm contact kit	
	Connection box with self-protection	
	Break glass unit (2 contacts)	
	12 V lock power supply	
	12 V or 24 V power supply for controlled Open Up backplate handle	
	Installation kit for door block to be bolted	
	Finishing kit for outdoor installation	
	Packaged on a shipping crate	

● Standard

Dimensions (mm)

Dimensions/Models		CityDoor S4	CityDoor S5
Leaf thickness (mm)	Manual attack	100	
Standard Dimensions (mm)	Width	945 / 1045 / 1145	
	Height	2138	
Passage width (mm)	Door open to 90°	700 / 800 / 900	
	Door open to 160°	745 / 845 / 945	
Passage height (mm)		2050	
Weight (door block) (kg)		238 - 292	263 - 399
Door threshold (mm)		8mm	8mm





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