

# Forte Exit Vandal Resistant Exit

Job/Location: \_\_\_\_\_

Contractor: \_\_\_\_\_ Prepared By: \_\_\_\_\_

Model Number: \_\_\_\_\_ Date: \_\_\_\_\_

AC Only, Self-Powered  
or Universal DC

Tamper proof screws  
for added protection

Vandal resistant  
polycarbonate faceplate



Durable 16 gauge steel  
housing (14 ga. optional)

Surface wall, ceiling  
or end mounting



## INTERNAL SPECIFICATIONS

AC ONLY: Standard 120/347VAC input

SELF-POWERED: Standard self-powered versions use sealed nickel-cadmium batteries to provide a minimum 30 minutes of emergency duration. Optional 90 or 120 minute duration battery is available. Solid state charger and transfer. CSA 22.2 No. 141-15 Performance Certified.

## ELECTRICAL SPECIFICATIONS

The FORTE series is configured with high-output LED lamps. LED is standard with 120/347VAC input. All LED versions are approved and consume only 2W nominal power. Optional UDC emergency illumination is provided by the LED light source at the following wattages:

6VDC - 24VDC - 2 watts

If an AC generator is used to back up the signs, a surge suppression device is recommended to protect the entire emergency circuit.

## ORDERING INFORMATION

Series	Operation	Light Source	Letter Colour	Face #	Chevrons	*Mounting	Options
FR-E (Exit)	Blank (AC only)	L (LED)	R (Red)	1 (Single)	0 (No chevrons)	W (Wall mount no canopy)	CC (Custom colour - specify)
	SP (Self-powered)			2 (Double)	U (Universal)	C (Ceiling mount factory installed)	WG (Wireguard)
					L (Left chevron single face)	E (End mount factory installed)	PK12 (12" pendant kit)
					R (Right chevron single face)		UDC (Universal 6 - 24VDC)
							14G (14 gauge steel frame)
							FFP (Full steel stencil faceplate - field removable chevrons not available with this option)
							90SP (90 min. emergency)
							120SP (120 min. emergency)
							SW (Special wording - specify)
							**120VDC (Specify 2 or 4 wires)
							AT (Auto-test, SP only)

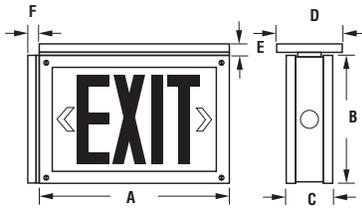
NOTE: \*Mounting must be specified the FORTE is not a universal product \*\*With 120VAC only

EXAMPLE: FR-E-L-R-1-0-W

DESCRIPTION: Forte vandal resistant exit, 120/347VAC input, red LED, single face, no chevrons, wall mount.

INDUSTRIAL APPLICATION EXITS

**DIMENSIONS (MM, IN.)**



Model	A	B	C	D	E	F
FR-E	311mm 12 <sup>1</sup> / <sub>4</sub> "	216mm 8 <sup>1</sup> / <sub>2</sub> "	76mm 3"	114mm 4 <sup>1</sup> / <sub>2</sub> "	19mm 3/4"	19mm 3/4"
FR-E-14G	311mm 12 <sup>1</sup> / <sub>4</sub> "	216mm 8 <sup>1</sup> / <sub>2</sub> "	76mm 3 <sup>1</sup> / <sub>4</sub> "	114mm 4 <sup>1</sup> / <sub>2</sub> "	19mm 3/4"	19mm 3/4"

**EXTERNAL SPECIFICATIONS**

The **FORTE** series is constructed from heavy duty steel. Exit face(s) are 16 gauge steel wrap-around collars backed with impact resistant polycarbonate. Tamper resistant screws are standard. The **FORTE** comes standard with a white baked powder coat finish. Available in custom epoxy-based powder coat finishes (please specify). Single or double face versions must be specified. Chevrons are field removable and protected under to polycarbonate plate. The self-powered version comes standard with an external LED status indicator and test switch. **OPTIONAL FACEPLATE(S)** (FFP option) A full 16 gauge steel stencil faceplate is available. The faceplate is backed with the polycarbonate plate.

**MECHANICAL SPECIFICATIONS**

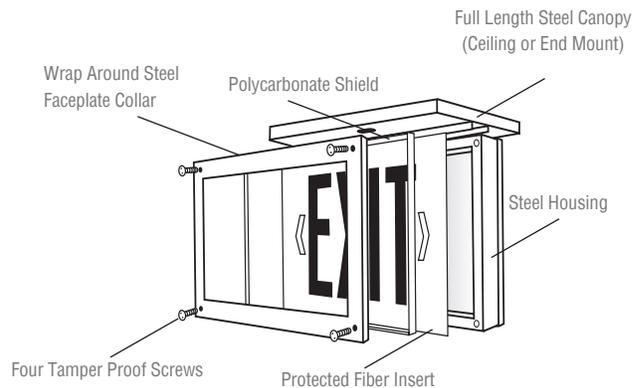
The **FORTE** is constructed of extra heavy duty steel with a 16 gauge steel face plate collar (14 gauge optional). Tamper resistant screws are standard. Exit fibre(s) are covered with an impact resistant polycarbonate. Standard chevrons are field removable. Due to the extreme gauge of the steel used in the optional full steel faceplate (FFP), directional chevrons must be specified when ordering. The **FORTE** is supplied standard with an attractive and durable white, baked powder coat finish. Other colours are available, including custom colour matching, please specify. The advanced design of the **FORTE** leaves it with no extraneous holes or slots that could be utilized by vandals for gaining entry. The face plate securely holds the shield and fiber in place by wrapping around the exit frame, increasing the rigidity of the entire unit.

**BATTERY TECHNOLOGY**

The **FORTE-SP** is designed with a maintenance free, sealed nickel-cadmium battery providing a minimum emergency duration of 30 minutes. An optional 90 or 120 minute nickel-cadmium battery is available. Recharge time of the battery is twenty-four [24] hours.

**VANDAL RESISTANT DESIGN**

The ultra heavy duty design and appearance of the **FORTE** series exit warns potential vandals that this is no regular sign. The face plate is constructed of durable 16 gauge steel (14 gauge optional) that wraps around the frame for added protection. The exit is further protected by 1/8" thick, impact resistant polycarbonate that is sandwiched between the steel face plate and the stencil fiber. The form fitting faceplate is attached to the frame with four [4] tamper resistant stainless steel screws. The all steel exit frame has been folded along the face and back plate edges in order to provide superior strength and durability. The steel back plate is also attached with four [4] stainless steel screws. For ceiling and end mount applications the **FORTE** is supplied with an extra heavy duty, full length canopy (factory installed) that provides superior mounting strength.



**SELF-POWERED VERSIONS**

The **FORTE-SP** self-powered series is designed to operate on battery power in the event of a power failure. Both the battery and charger are completely contained within the standard enclosure. There are made to the external dimensions of the standard sign. The **FORTE-SP** self-powered series utilize a solid state transfer technology that eliminates the possibility of relay failure due to particle build up on the relay. Status is easily determined via an LED that indicates AC-ON. A push button test switch allows maintenance personnel to quickly confirm the operational status of the exit on AC fail.

**INSTALLATION**

The **FORTE** exit is suitable for surface ceiling, wall and end mounting. Suitable for indoor installations.