# Fortezza™ Exit Wet Location IP66 & Vandal Resistant Exit

ETL Intertek 9901281 — SANITATION LISTED — Conforms to ANSI / NSF STD NO. 2

Job/Location: _____

Contractor: _____      Prepared By: _____

Model Number: _____      Date: _____

AC Only, Self-Powered
or Universal DC

UV resistant
polycarbonate faceplate

Vandal resistant to
withstand extreme abuse

Heavy gauge die-cast
aluminum housing

Surface wall, ceiling
or end mounting

WET IP66

COLD

VANDAL RESISTANT IK10

CSA ® C US

## EXTERNAL SPECIFICATIONS

The **FORTEZZA™** series is constructed from .420" thick, heavy duty cast aluminum. The faceplates are protected by high abuse clear polycarbonate, which is recessed into the housing. Tamper resistant screws are standard. The **FORTEZZA™** series comes standard black although colour options are available upon request. Single or double versions must be specified. The self-powered version comes standard with an external LED status indicator and test switch.

## INTERNAL SPECIFICATIONS

AC ONLY: STANDARD 120/347VAC or 120/277VAC input.
SELF-POWERED: standard self powered versions use sealed nickel-cadmium batteries to provide a minimum of 30 minutes of emergency duration. Optional 120 minute duration batteries are available. An internal heater with thermostat is optional for low temperature installations. CSA 22.2 No. 141-15 Performance Certified.
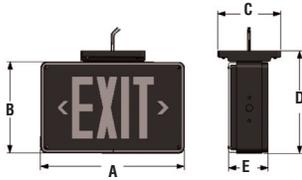
## ORDERING INFORMATION

| Series | Model | LED | Face # | **Mounting | Voltage | Options |
|--------|-------|-----|--------|-----------|---------|---------|
| FTZ | HT (AC only) | LR (Red) | 1 (Single) | U (Universal mount - std.) | 120/347V | BB (Black face, black body) |
| | SA (Self-powered) | LG (Green) | 2 (Double) | W (Wall - no canopy) | 120/277V | WW (White face, white body) |
| | | | | C (Ceiling - factory installed) | | *IH (Internal heater 120, 277 or 347V) |
| | | | | E (End - factory installed) | | †120VDC (Specify 2 or 4 wires) |
| | | | | | | SW (Special wording - specify) |
| | | | | | | PK (Pendant Kit) |
| | | | | | | 120SA (120 minute emergency) |
| | | | | | | †2CK (Dual circuit) |
| | | | | | | UDC (6 - 24VDC) |
| | | | | | | *,***FAI (Flash on fire alarm-specify) |
| | | | | | | AT (Auto-test, SP only) |

NOTE: *Available for SA models only     **Mounting must be specified as the canopy is factory installed     ***Specify open/closed/6-24 VAC     †With 120VAC only

EXAMPLE: FTZ-SA-LR-1-W-120/347V-BB

DESCRIPTION: FORTEZZA™ vandal exit, self-powered, red LED, single face, wall mount, 120/347VAC input, black face, black body.

## DIMENSIONS (MM, IN.)



| Series | A | B | C | D | E |
|--------|------|------|---------|------|------|
| FTZ | 356mm | 229mm | 157mm | 254mm | 102mm |
|  | 14" | 9" | 6 1/5" | 10" | 4" |

## VANDAL RESISTANT DESIGN

The ultra heavy duty design and appearance of the **FORTEZZA™** series exit warns potential vandals that this is no regular sign. The stencil is protected by a 1/8" thick, impact resistant polycarbonate shield that is recessed into the housing and fastened with 4 tamper resistant screws. The **FORTEZZA™** offers a contemporary look and durability like no other.

## MECHANICAL SPECIFICATIONS

The **FORTEZZA™** series is constructed of extra heavy duty cast aluminum with a 1/8" thick polycarbonate protective shield. Tamper resistant screws are standard. Field adjustable chevrons are standard. The **FORTEZZA™** is standard in an attractive matte black finish. Other colors are available, including custom color matching to meet the customer's needs. The polycarbonate face shield is recessed into the housing making the **FORTEZZA™** series one of the most rigid, yet attractive high abuse signs on the market.

## INSTALLATION

The **FORTEZZA™** series exit is supplied with a universal mounting canopy, optional factory installed canopy and is available for surface ceiling, wall and end mount applications. Suitable for indoor, outdoor, damp or wet location applications.

## EXTREME CLIMATE DESIGN

AC only and UDC Signs: -20 to +40°C
Self-powered Sign: +10 to +40°C (With heater option added: -20 to +40°C)

## ELECTRICAL SPECIFICATIONS

The **FORTEZZA™** series is configured with high output LED lamps. LED is standard with 120/347VAC or 120/277VAC input. All LED versions consume less than 2 watts nominal power. If an AC generator is used to back up the signs, a surge suppression device is recommended to protect the entire emergency circuit.

## AUTO-TEST DIAGNOSTIC

The self-powered **FORTEZZA™** comes optional charge with Beghelli auto-test diagnostic system. Featuring continuous monitoring of the units main components (battery, charger, transformer & LEDs) and providing instant visual verification of the status.

## SELF-POWERED VERSIONS

The **FORTEZZA-SA** self-powered series is designed to operate on battery power in the event of a power failure. Both battery and charger are completely contained within the standard enclosure. The **FORTEZZA-SA** 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.

## BATTERY TECHNOLOGY

The **FORTEZZA-SA** series is designed with a maintenance free, sealed nickel-cadmium battery providing a minimum emergency duration of 30 minutes. Optional 120 minute nickel-cadmium batteries are available. Recharge time of the battery is twenty-four [24] hours. The maximum battery operating temperature is +40°C and the minimum is +10°C without internal heater/thermostat option, with the internal heater/thermostat the minimum operating temperature is -20°C.

## SANITATION LISTED (SL)

The Beghelli **FORTEZZA™** is sanitation listing approved. The Intertek verified splash zone listing is equivalent to the NSF standard 2, meeting the rigorous sanitation, electrical safety and performance standards of food service environments.