

**Eco-Clear Series 2003  
'Glow-in-the-Dark' Photoluminescent Exit Signs**

**Installation, Operating and Maintenance Guidelines**

Caution – External illumination source required ++++++ Save these Instructions

Active Safety Series 2003 photoluminescent exit signs are compliant to all popular building codes and listed to UL924. They can be installed nearly everywhere exit signs are typically located and are designed for decades of safe, economical and sustainable performance. Follow these instructions to ensure your Active Safety exit signs are installed, operated and maintained correctly.

**INSTALLATION**

Install Active Safety exit signs in both high level and low level applications in compliance with prevailing codes.

Active Safety Series 2003 exit signs have a visibility rating of 50 feet. Therefore, the distance between Series 2003 exit signs should be no greater than 100 feet.

Install Active Safety Series 2003 exit signs in locations where there is at least 5 foot-candles [54 LUX] of illumination on the sign face provided by a fluorescent light source that is energized when the building is occupied. This light source should be powered by a reliable supply [i.e. public utility], not controlled by unauthorized personnel and not controlled by automatic timers or sensors that can turn off the light source while the building is occupied. Additionally, install Active Safety Series 2003 exit signs in areas that are not exposed to direct sunlight, harsh liquid sprays or extreme temperatures [ $<10\text{ C}$  &  $> 40\text{C}$ ].

Active Safety wall mounted exit signs can be attached to walls with the 2 included screws or other attachments provided by the installer. Affix the signs to provide for a long-term secure installation that will not easily be affected by building operations, passing traffic or souvenir hunters. Once the sign is affixed to the wall, hide the screw heads with the included trim strip that uses an adhesive tape band. Center the trim strip by just covering both screw heads and press the uncovered adhesive tape against the exit sign.

For ceiling and flag mounted signs, install the included “u-channel” bracket first with user supplied attachments. For single sided signs, orient the bracket so the hex head screws are located on the back of the sign face and then install the rectangular acrylic shim, using the double-sided tape inside the U-channel, opposite of the hex screws. Push the exit sign into the u-channel, center and fasten with the supplied hex set screws.

To provide directionality, Active Safety Series 2003 exit signs use ‘field applied’ chevron arrows which should be attached before the sign is installed. These arrows are supplied with release film on both sides. For a left arrow, remove the release film on the non-photoluminescent adhesive side and without touching the adhesive side, align and center the edge of the remaining release film with the left side of the “trunk” of the ‘E’. For a right arrow, remove the release film on the adhesive side and align and center the edge with the right side of the trunk of the ‘T’. When the arrow is correctly positioned push down and smooth out the arrow, then remove the top portion of the release film. Be careful, once the arrow adhesive makes contact with the sign, it is permanently fixed.

**OPERATIONAL GUIDELINES**

When properly illuminated by a light source, Active Safety photoluminescent exit signs work automatically. There is no time required between activation of the light source and building occupancy. During a ‘lights-out’ emergency, Active Safety photoluminescent exit signs will glow brightly for hours, designating safe egress.

**MAINTENANCE GUIDELINES**

Periodically clean Active Safety photoluminescent exit signs with a water [no solvents/chemicals] dampened cloth and check for damage that may impede proper operation.

Conduct periodic exit sign visibility tests in accordance with prevailing safety codes [i.e. NFPA 101]. Additionally, check nearby lighting fixtures that are illuminating Active Safety photoluminescent exit signs for proper output, especially after any changes to lighting types or levels are made.

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