Clarion®

Reducing Risk, Protecting People

Clarion was founded in 1990 and has as its guiding principle the protection of people and reduction of risk. Clarion engineers the highest-quality products possible to effectively communicate risk and increase safety. We're committed to spreading today's best practices throughout industry. That's why our staff actively holds leadership positions on the United States and international committees responsible for establishing this country's and the world's visual safety communication standards.

Today, Clarion products help protect people in more than 180 industries across six continents. We are raising the bar of safety, incorporating leading-edge design with the same superior quality and effective functionality Clarion has engineered into its products since day one.

• Facility Signs and Markings

• Photoluminescent Technology

• Product Safety Labels

• Risk Engineering

Clarion Safety Systems, LLC
190 Old Milford Road
Milford, PA 18337
800-748-0241, 570-296-5686
Fax 800-748-0536, 570-296-5656
clarionsafety.com

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Where Safety, Aesthetics, and Sustainability Meet

Today's new lifesaving technologies

Clarion®

Reducing Risk, Protecting People

Safety

Photoluminescent technology – "glow-in-the-dark" in simple terms – was first utilized two decades ago in marine applications, after prominent ship and oil rig disasters demonstrated the hazards of relying on powered systems for egress lighting. Later, the FAA approved the use of photoluminescent material in airplane cabins for aisle pathway marking. More recently, leading cities and states around the country, including New York City and California, have adopted photoluminescent egress systems as a matter of law. Today, non-toxic and non-radioactive photoluminescent technology has progressed to the point that Underwriters Laboratories now certifies the use of especially high grades of this material for use in the UL 924 EXIT signs mandated by building codes throughout the United States and Canada. *Clarion Exit signs: Fail-safe.*

Superior aesthetics

The design of UL 924 EXIT signs has been ordinary for decades, even as the design work behind today's buildings has leapt ahead. Clarion's family of signs, however, is different. Our UL 924 signs provide the functionality and safety required by code, while simultaneously supporting an architect's work. From our top-of-the-line Series 900, a sign of simple elegance, to the workhorse Series 600 and Series 400 signs that are ideal for warehouses or retail stores, Clarion provides an attractive, code-compliant sign at every price point. *Clarion Exit signs: Beautiful.*

We are a member and supporter of the United States Green Building Council.

Return on investment

Clarion's fail-safe photoluminescent technology is also the sustainable choice. Our signs carry a 35-year guarantee, reducing the need to buy replacement signs. Our signs recharge from just 5 foot candles of unfiltered fluorescent light and will instantly glow brightly in a lights-out situation. Our signs use no electricity. They require no wiring, no conduit, no lamps, no circuit boards, no hard-to-recycle batteries. Clarion's signs contain no dangerous radioactive material. What's more, Clarion UL 924 EXIT Signs can help your projects earn LEED building credits. With the cost of energy rocketing, Clarion signs can help you save money and reduce energy use. *Clarion Exit signs: Sustainable with up to $6,930.58 life-cycle savings per sign.*

Using a photoluminescent EXIT sign instead of an LED electrical sign will eliminate 1.535 pounds of CO2 emissions per kilowatt hour, or 2,353.2 pounds of CO2 emissions over 35 years based on consumption of 43.8 kWh annually.
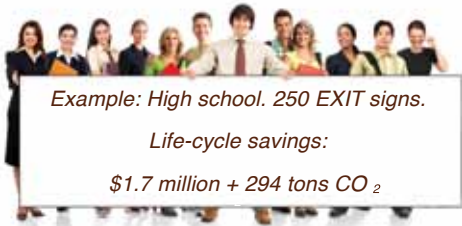
First-cost and life-cycle savings:
Up to $6,930.^58 + 2353 pounds of CO_2

Most every commercial and public building in this country is required to use UL 924 EXIT signs. Many buildings – schools, warehouses, large retail centers – need hundreds of them. In the past they've been electrically powered, plain looking and often unreliable.

Not any more. Clarion Safety Systems has designed a complete line of EXIT signs that combines design and sustainability for every budget and application.

The case for using today's fail-safe photoluminescent technology is compelling and not just for the life-safety reasons of meeting the building code. Each sign you install – every single one – can save you $6,930 over its 35-year life in reduced energy use and maintenance.

Calculate your ROI at clarionsafety.com/exit-sign-roi

Example: High school. 250 EXIT signs.
Life-cycle savings:
$1.7 million + 294 tons CO $_2$

Clarion EXIT signs:

- Fail-safe
- Non-toxic
- No wiring needed
- No energy used
- 35-year warranty
- Zero operational costs

Architectural Series / Performance Series

Sustainability, elegance & functionality

No matter which Clarion EXIT sign you choose, it will deliver fail-safe performance and significant cost savings compared to electrical signs and tritium signs. The savings begin immediately, with no need to expend the significant costs of wiring, conduit and the services of an electrician to install your EXIT signs. The savings continue year after year, because your photoluminescent EXIT signs draw no energy and require virtually no maintenance. And there is no threat of released radioactivity.

We offer a complete range of attractive UL 924 signs at varying price points, with one available for virtually every need.

Architectural Series - fabricated from anodized aluminum, stone, tile and a host of other materials of your choosing. Clarion's customization capability dovetails with your building's environment in an unprecedented way, taking a code-mandated EXIT sign and turning it into an integral design feature of your building.

Performance Series - solid, versatile and attractively priced, yet these workhorse signs provide critical life-safety benefits required by UL, NFPA, and other testing and code agencies. Materials range from recycled aluminum to rigid PVC. A Clarion breakthrough, the Series 300, is made from flexible PVC and is designed for specialized, high-security applications.

Safety
- 100% fail-safe technology
- Meets and exceeds most building codes
- UL 924 listed for both U.S. and Canada
- Free of toxic and radioactive components
- Recharges automatically when light is restored

Energy
- Consumes ZERO electricity
- Eliminates need for batteries and backup power
- Eliminates wiring and electrical components
- Charges with just 5 foot candles of unfiltered fluorescent light

Design
- Sophisticated design at every price point
- Multiple colors
- Custom materials available in our Architectural Series
- Complements building appearance

Environmental
- Potential to contribute to LEED Green Building Credits in 3 categories
- Eliminates 2353 pounds of CO_2 released into the air for every LED electrical sign replaced
- Eliminates disposal issues associated with batteries and electrical and radioactive EXIT signs

Economic
- Substantial first-cost and life-cycle savings - up to $6,930 per sign
- Eliminates operating costs
- Eliminates the need for replacement parts
- 35-year warranty, the longest of any UL 924 photoluminescent EXIT sign

Architectural Series: 900—Simple elegance

Each faceplate is cut from architectural-grade, black or red anodized aluminum with the attention to detail of a master craftsman. Each letter is machine milled to exacting specifications. The milled faceplate is then integrated with Clarion's *GLoCore®* photoluminescent technology. The Series 900 is ideal for professional environments. An architectural quality, wall-mounted frame is included in brushed aluminum or anodized black aluminum; available mounting options include a bracket for ceiling or flag mounting, and cable or chains for ceiling-hung mounting. Double-sided frames are also available.

Key Benefits

- Enhances any environment
- Elegant

Series 900

Background Color	Directional Chevron	Part #
Black	None	UL901
Black	Both	UL901D
Black	Left	UL901L
Black	Right	UL901R
Red	None	UL901-R
Red	Both	UL901D-R
Red	Left	UL901L-R
Red	Right	UL901R-R

Specifications

- 16" by 8" anodized aluminum
- Beveled edge faceplate
- *GLoCore®* photoluminescent technology
- Brushed aluminum or anodized black
  frame included (alternate mounting options available)
- Suggested use: Distinctive environments, lobbies,
  entertainment venues

Architectural Series signs include anodized aluminum frames for flush mounting, in black or brushed aluminum. Options include ceiling or wall mounting bracket, or from the ceiling via cables/chains. A double-sided frame uses two EXIT signs (for viewing from multiple directions) and carries the same mounting options.

Architectural Series: 850 - The beauty of stone or tile
800 - Cast granite

Photoluminescent letters set into a cast granite, stone or tile base; each stone or tile base is individually routed. The selection of materials is almost limitless. Ideal for professional settings where a distinctive touch is desired. We would be pleased to review how our technology can be customized to fit your specific building.

Key Benefits

- Cast granite, stone or tile to match your exact needs
- A customized, distinctive touch to your project

Series 850

Custom Color / Material	Chevron Directions
Specified by client	Specified by client

Series 800

Custom Color / Material	Chevron Directions
Many colors available; call to discuss	Specified by client

Specifications

- **Series 850:** Precision routed, custom stone or tile mounted on a corrugated aluminum backplate
- **Series 800:** Variety of precision cast granite colors
- Letters and optional chevrons filled with Clarion high luminescent material
- Mounting options depend on selection of stone or tile
- Suggested uses: Prime commercial locations

Architectural Series: 700 - Master Craftsmanship

Elegant yet cost-effective, these signs are crafted from an extraordinarily durable fully pigmented thick PVC and integrated with Clarion's *GloCore®* photoluminescent technology. When paired with the included brushed aluminum or anodized black aluminum frame, the Series 700 provides a rich look and feel rivaling the Series 900. This sign is ideal for all settings, including Class A office spaces. Mounting options include a bracket for ceiling or flag mounting, and cable or chains for ceiling-hung mounting. Double-sided frames for two EXIT signs are also available.

Key Benefits

- Field-installed chevrons make it adaptable to any setting

Series 700

Background Color	Part #
Green	UL704
Red	UL706
Black	UL708

Specifications

- 16" by 8" precision die-cut 3 mm faceplate
- Lightweight, fully pigmented PVC
- Clarion *GloCore®* technology
- Chevrons are field-installed and provide the user with all directional options from one sign
- Brushed aluminum or anodized black frame included (alternate mounting options available)
- Suggested use: Class A offices, hotels and distinctive commercial and professional environments

Architectural Series signs include anodized aluminum frames for flush mounting, in black or brushed aluminum. Options include ceiling or wall mounting bracket, or from the ceiling via cables/chains. A double-sided frame uses two EXIT signs (for viewing from multiple directions) and carries the same mounting options.

Fail-safe, sustainable, cost-effective

Clarion's family of EXIT signs is where aesthetics, safety and sustainability meet. Clarion provides more options for this technology than any manufacturer in the world. What's more, all of Clarion's photoluminescent signs carry an unprecedented, industry leading guarantee of 35 years. The lifecycle savings are are unprecedented, too, up to $6,930 per sign. And there's the environmental advantage: No electricity used, no energy used, no lamps and consumables to replace. In fact, replacing just one LED electrical EXIT sign with a Clarion sign eliminates 1.2 tons of CO_2 emissions over our sign's 35-year life.

400 Series

700 Series

900 Series

400 Series

600 Series

850 Series

800 Series

300 Series

Series Numer	Material	Color	Frames / Mounting Options	Chevrons	Typical Applications
900	Architectural grade anodized aluminum	Anodized Black, Anodized Red	Architectural quality frame included; optional bracket for ceiling or flag style mount, or optional chain/cable for ceiling-hung mount.	Specified by customer: none, both, left, right	
850	Stone, tile	Varies by material	Wall mount or chain hung.	Specified by customer: none, both, left, right	First class hotels, entertainment venues, lobbies, atriums, airport terminals and similar highly visible locations
800	Cast granite	Selected by customer	Designed to attach directly to wall	Specified by customer: none, both, left, right	
700	Expanded PVC	Red, Green, Black	Architectural quality frame included; optional bracket for ceiling or flag style mount, or optional chain/cable for ceiling-hung mount.	Field selected by customer; provides all chevron options	Highly versatile, including Class A office and commercial settings
600	Aluminum	Red, Green	Designed for wall mount and fast installation using provided screw holes	Field installed	Rugged sign for industrial, warehouse and back-of-house use
400	PVC	Red, Green, Black	Architectural quality frame available; optional bracket for ceiling or flag style mount, or optional chain/cable for ceiling-hung mount.	Field installed or specified	Workhorse sign for commercial, warehouse and retail use
300	Flexible PVC	Red, Green, Black	High-bond adhesive and screws; no frame needed	Field installed or specified	For prisons, psychiatric hospitals and other institutions; also used where ultra-flush attachment is required

Performance Series: 600 - Rugged Aluminum

This sign's single-piece construction is designed specifically for incredibly fast installation in any situation. It is especially popular in back-of-house and industrial applications. Aluminum material ensures ruggedness needed for warehouses, refineries, and processing plants. Field installed chevrons mean that this one sign can be instantly adapted to almost any needed location and direction of egress. Rounded corners, pre-punched holes.

Key Benefits

- Lightweight yet rugged, recyclable aluminum sign
- Can be easily and rapidly installed anywhere
- Field installed chevrons provide maximum flexibility in both ordering and installation

Specifications

- 16" by 8" with rounded corners
- Photoluminescent letters and adhesive backed thin aluminum chevrons
- 1/8" pre-drilled mounting holes
- Recyclable aluminum
- Suggested use: Industrial, warehouse and back of house applications

Series 600

Background color	Letter color	Part #
Red	Photoluminescent	UL621
Green	Photoluminescent	UL641

*Shown with optional frame

Performance Series: 400 - Rigid PVC

Multi-layer bonded PVC construction. Installation is simple, with or without the optional frame. Framed sign works anywhere; unframed is ideal for back-of-house and industrial applications. Multiple colors available, as well as various frame and mounting options.

Key Benefits

- Use as a single piece, or easily upgraded with aluminum frame
- Easy installation
- Wide range of use

Series 400

Background color	Letter color	Part #
Photoluminescent	Red	UL401
Red	Photoluminescent	UL421
Photoluminescent	Green	UL431
Green	Photoluminescent	UL441
Black	Photoluminescent	UL451
Frame options*		
Single sided, black anodized aluminum		F001-B
Single sided, brushed aluminum		F001-S

Specifications

- 16" by 8" rigid high-luminescent PVC construction
- Field-installed chevrons
- Frame and mounting options available
- Suggested use: Commercial, industrial and warehouse locations

Customizable Options

- Printed-on-the-sign chevrons (left, right, both)
- Graffiti-resistant overlaminate
- A variety of 3M adhesive backings to match mounting surface characteristics
- Anti-microbial coating

Anodized aluminum frames in black or brushed aluminum are available as an option for the Series 400 EXIT signs. Mounting choices depend on your requirements; you can select flush mounting, mounting from the ceiling or wall using a supplied bracket, or hanging from the ceiling via cables or chains. A double-sided frame uses two EXIT signs (for viewing from multiple directions) and carries the same mounting options.

Performance Series: 300 - Flexible, safe, innovative

Until now, code-mandated EXIT signs presented a serious hazard in prisons, jails and mental health facilities where they could be taken down by inmates/patients, broken, and used as potentially lethal weapons. To put a definitive end to this serious risk, Clarion developed the world's first UL 924-listed flexible EXIT sign. This sign uses our high performance photoluminescent material in a thin, flexible bonded PVC form. To buttress its screw mount installation, each sign is fully backed with 3M's premium high strength 1/32" foam tape adhesive, making removal extremely difficult.

Key Benefits

- Flexible, safe, ideal for high-security situations
- Suitable for attaching to porous/uneven surfaces

Series 300

Background color	Letter color	Part #
Photoluminescent	Red	UL301
Red	Photoluminescent	UL321
Photoluminescent	Green	UL331
Green	Photoluminescent	UL341
Black	Photoluminescent	UL351

Specifications

- 16" by 8" flexible PVC with rounded corners
- Specified screw holes and full coverage 3M foam adhesive backing with peel-off liner
- Multiple colors available
- Suggested application: Jails, prisons, psychiatric hospitals and other facilities where there is risk of a standard EXIT sign being used to cause harm

Customizable Options

- Printed-on-the-sign chevrons (left, right, both)
- Graffiti-resistant overlaminate
- A variety of 3M adhesive backings to match mounting surface characteristics
- Anti-microbial coating

Photoluminescent Egress Systems

Providing visual cues to safety

When disaster strikes, everyone wants to get out of the building alive. Photoluminescent egress systems are the best, most-proven way to enable that to happen.

What are they? A system of fail-safe markings, grounded in photoluminescent technology, that will guide building occupants to safety through hallways, stairwells and transfer corridors to the lobby or final exit doors.

Photoluminescent components include handrail marking tapes, stair thresholds, obstacle marking tape and signs. Escape plan signs, compliant with ISO 23601, are used by many of our customers to help orient their tenants and employees in the event of disaster. We also offer a host of signs and markings to serve as visual cues to confirm the direction of travel, improve egress speed and locate emergency equipment, such as defibrillators and fire extinguishers.

In some jurisdictions, these egress systems are required by law. New York City, California and an increasing number of states now mandate them. At Clarion, you can choose from a full complement of the required components whose utility has been proven.

Key Benefits

- Fail-safe photoluminescent technology
- Non-toxic, non-radioactive
- Orient people in a disaster
- Ensure safe and rapid building evacuation
- Required by law in many locales

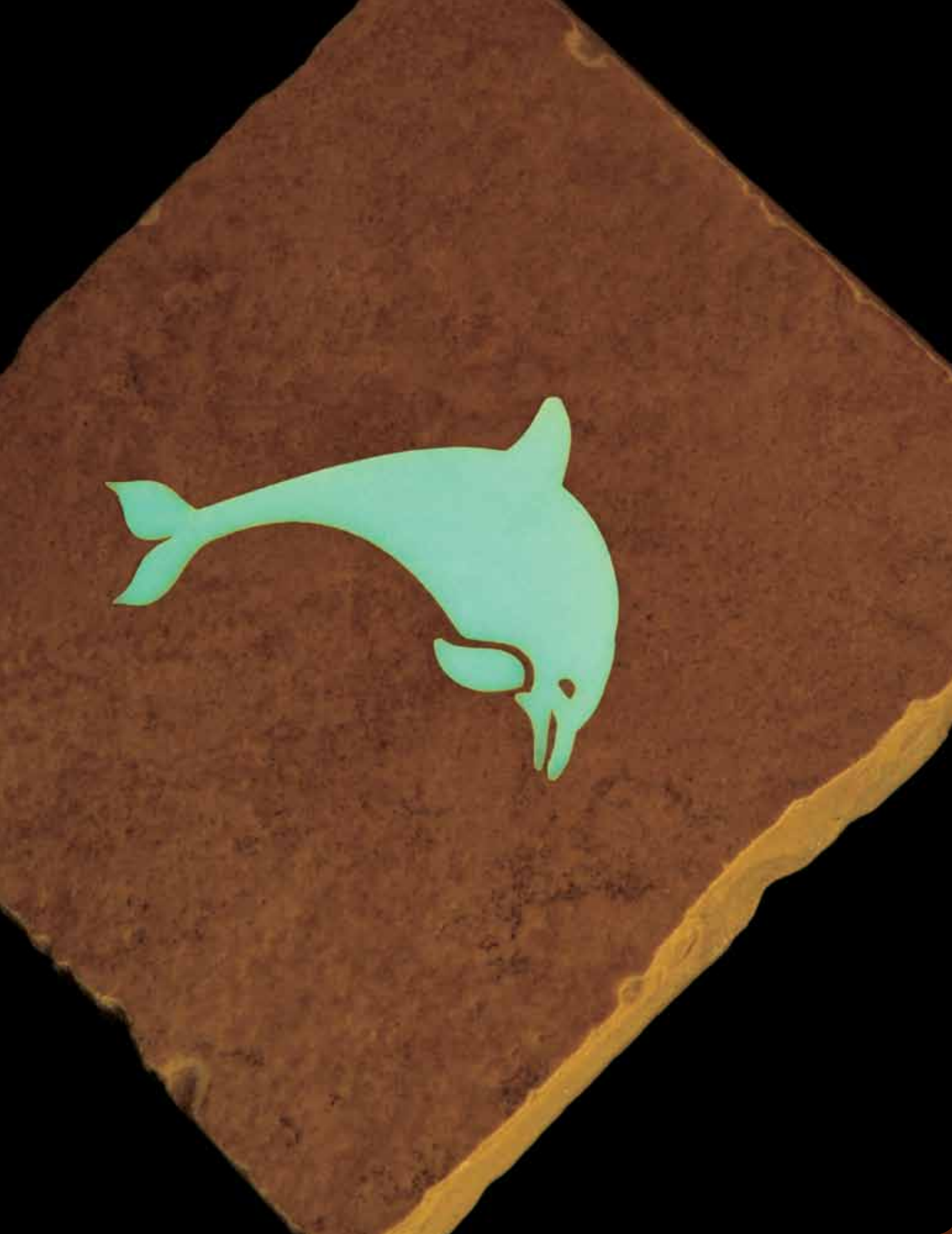### State of the Art, Fully Compliant

- International Building Code 2009
- New York City Local Law 26, RS 6-1, 6-1A
- NFPA 101: Life Safety Code
- NFPA 170: Standard for Fire Safety and Emergency Symbols
- OSHA 1910.37
- ISO 16069, Safety Way Guidance Systems
- GSA 7.8, Means of Egress

Egress products in normal light

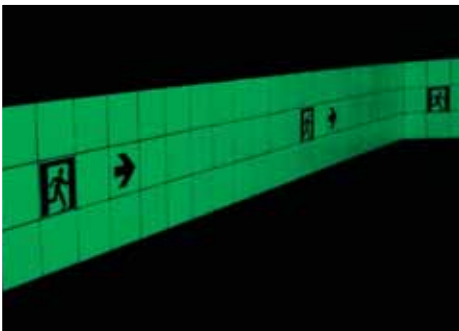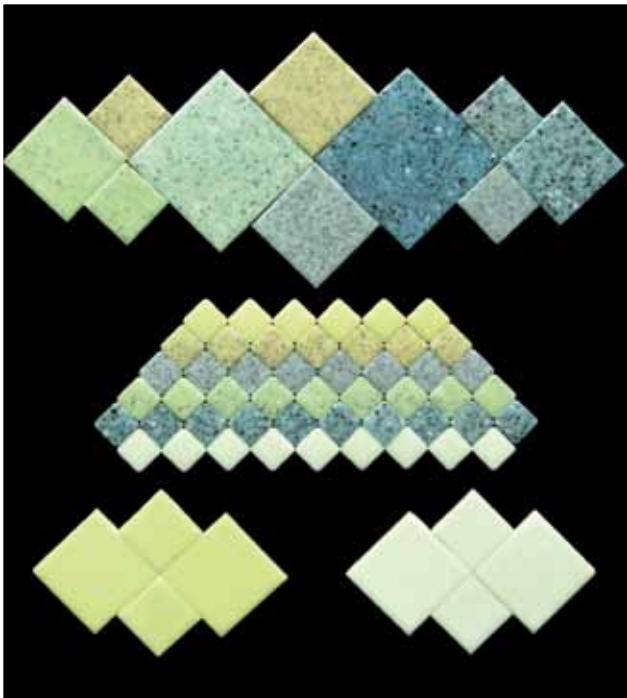*Egress products in the dark*

Egress Systems

Limitless possibility with custom tailored markings

Here is where the possible is limited only by imagination. Photoluminescent technology, its safety proven in marine, aircraft and commercial real estate applications, can now be integrated into building design from the ground up. Our technology and customization capability make it easy for you to add photoluminescent safety markings in the form of decorative accent tiles for walls or floors, chair rails, handrails and other distinctive features to the built environment.

Put your name in lights

Using our precision routing and casting technologies, the possibilities are virtually endless. Your company logo. City names. Sports insignia. Palm trees or geographical features. Even geometric designs. Applications include mass transit stations, nightclubs and entertainment venues, atriums, airports, luxury residential projects, even daycare centers.

These products can serve a valuable purpose in guiding people to safety by providing visual cues and baseline illumination in a lights-out situation. They also will make your building highly distinctive, giving it a customized and exclusive touch. Stone, tile, cast granite and other materials are available for you to utilize.

Note that because of their highly customized nature and the hand production involved in crafting these products, they are typically specified and ordered during construction.