### **Ecoglo Fire Protection Product Trading**



# **Emergency Egress**and Exit Signs

Photoluminescent Products to support the Fire Code of the Philippines

- Egress Products
- Exit Signs
- Emergency Evacuation Plans
- Fire Safety Signs







## **Completed Projects Using Ecoglo Products**















- 1. Supreme Court, Singapore
- 2. US Bank Tower, Los Angeles
- 3. Burj Khalifa, Dubai
- 4. Venetian Macao, Macau
- 5. Eaton Centre, Toronto
- 6. Yuen Long MTR Station, Hong Kong
- 7. MCG, Melbourne



## **About Ecoglo**

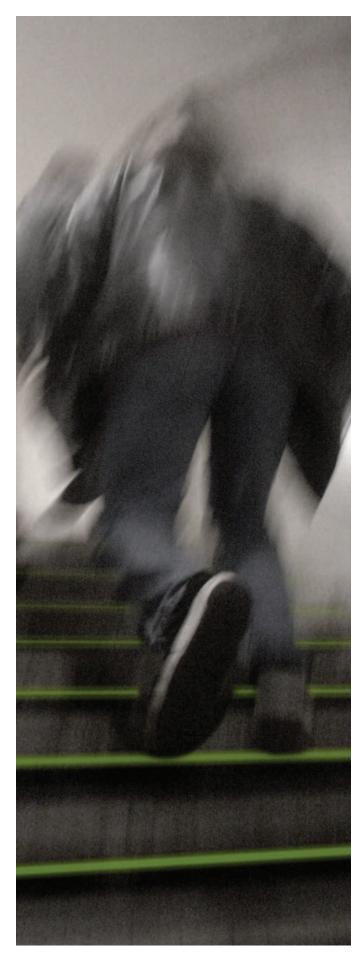
Ecoglo Fire Protection Product Trading (EFPPT) was established in February 2019. EFPPT is the authorised representative of Ecoglo International and is located in Rizal Philippines. As well as servicing the Philippines, EFPPT is co-ordinating Ecoglo's expansion into the ASEAN market. The owners and staff of EFPPT have undergone induction and training relating to photoluminescent systems, Ecoglo products and the installation of those products.

Established in 1997, Ecoglo designs and manufactures photoluminescent (PL) exit signs and emergency visibility products using High Temperature Curing (HTC) technology to integrally bond Purpose Designed Polymers (PDP) to the aluminium base. This results in products with very high light storage capabilities and unparalleled durability.

Performance solutions can be engineered to meet emergency visibility requirements in performance based building codes worldwide. Ecoglo offers products to meet NFPA 101 Life Safety Code Solutions and IFC Solutions. Ecoglo also offers signs to meet Fire Code of The Philippines Section 10.2.5.12 Exit Marking.

#### Locally, Ecoglo clients include:

- Philippine Sports Commission
- Public Safety Mutual Benefit Fund. Inc.
- Gotesco Regency Twin Towers
- De La Salle University Laguna Campus
- Government Service Insurance System
- Chubb Asia Pacific Pte Ltd
- Rt Baldoza Builders
- McMaster Machineries and Supplies, Inc.
- The Lind Hotels
- Amazon PHI
- Calapan Port (PPA)
- Cebu Port Authority
- University of Santo Tomas
- Thermax Industrial Products Inc.
- Esta Fine Color Corp
- Nutrivet Chemical Industries Inc.
- M + J Arkiteks
- Moment Group of Restaurants
- Integrated Market Services (Philippines) Inc. (IMSPI)
- Transworld Systems Customer Services Phil's LLC
- TRI-R Engineering & Industrial Supply





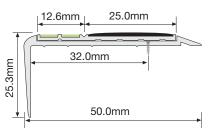
**Egress Products** 

## Step Products PL and Anti-slip

#### F9-175 Step Nosing 50mm x 25mm

Available in standard lengths from 800mm to 1500mm in 100mm increments

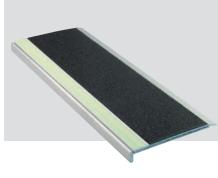


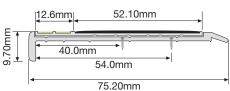


- Supplied pre-drilled with fixers.
- Adhesive and caulking gun available separately
- Custom cutting is available from 2450mm and 3060mm lengths

#### F14-175 Step Nosing 75mm x 10mm

Available in standard lengths from 800mm to 1500mm in 100mm increments

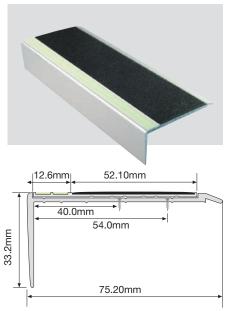




- · Supplied pre-drilled with fixers.
- · Adhesive and caulking gun available separately
- Custom cutting is available from 2450mm and 3060mm lengths

#### F15-175 Step Nosing 75mm x 33mm

Available in standard lengths from 800mm to 1500mm in 100mm increments

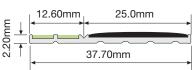


- Supplied pre-drilled with fixers.
- Adhesive and caulking gun available separately
- Custom cutting is available from 2450mm and 3060mm lengths

#### E22-075 Step Edge Contrast 37.7mm

Available in standard lengths from 800mm to 1500mm in 100mm increments





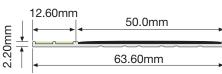
- Adhesive and caulking gun available separately
- Custom cutting is available from 2450mm and 3060mm lengths

**E22-075** Polyurethane adhesive fixing **E22-075P** Punched for screw fixing

#### E14-075 Step Edge Contrast 64mm

Available in standard lengths from 800mm to 1500mm in 100mm increments





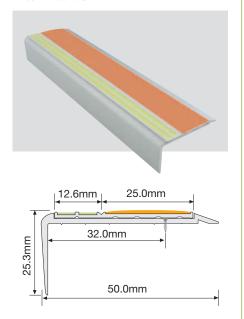
- Adhesive and caulking gun available separately
- Custom cutting is available from 2450mm and 3060mm lengths

**E14-075** Polyurethane adhesive fixing **E14-075P** Punched for screw fixing

## Step Products PL and Anti-slip

#### F9-185 Step Nosing 50mm x 25mm

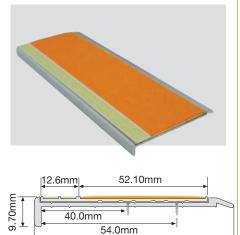
Available in standard lengths from 800mm to 1500mm in 100mm increments



- Supplied pre-drilled with fixers.
- Adhesive and caulking gun available separately
- Custom cutting is available from 2450mm and 3060mm lengths

#### F14-185 Step Nosing 75mm x 10mm

Available in standard lengths from 800mm to 1500mm in 100mm increments

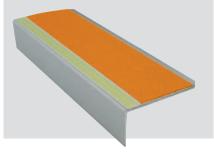


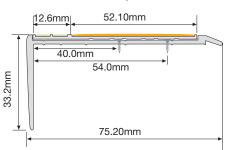
- Supplied pre-drilled with fixers.
- Adhesive and caulking gun available separately
- Custom cutting is available from 2450mm and 3060mm lengths

75.20mm

#### F15-185 Step Nosing 75mm x 33mm

Available in standard lengths from 800mm to 1500mm in 100mm increments

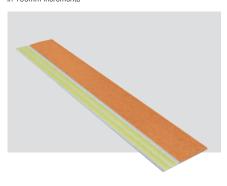


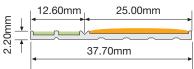


- Supplied pre-drilled with fixers.
- Adhesive and caulking gun available separately
- Custom cutting is available from 2450mm and 3060mm lengths

#### E22-085 Step Edge Contrast 37.7mm

Available in standard lengths from 800mm to 1500mm in 100mm increments



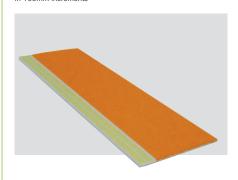


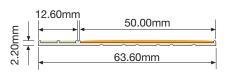
- Adhesive and caulking gun available separately
- $\bullet$  Custom cutting is available from 2450mm and 3060mm lengths

**E22-085** Polyurethane adhesive fixing **E22-085P** Punched for screw fixing

#### E14-085 Step Edge Contrast 64mm

Available in standard lengths from 800mm to 1500mm in 100mm increments





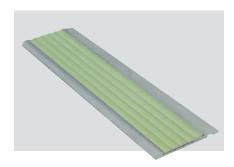
- Adhesive and caulking gun available separately
- Custom cutting is available from 2450mm and 3060mm lengths

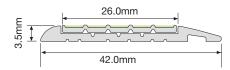
**E14-055** Polyurethane adhesive fixing **E14-055P** Punched for screw fixing

## Step Products PL and Anti-slip

#### T2-103 Step Edging 42mm x 3.5mm

Available in standard lengths from 800mm to 1500mm in 100mm increments





- Supplied pre-drilled with fixers.
- Adhesive and caulking gun available separately
  Custom cutting is available from 3060mm lengths

## S5-LM22080 L Marker Available in a pack containing 10 x left side L Markers and 10 x right side L Markers 26.0mm 216.0mm 190.0mm • Supplied as a straight length for folding into shape Adhesive and caulking gun sold separately

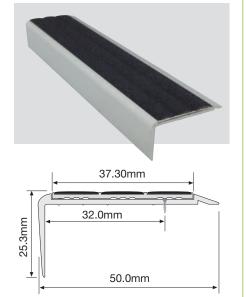
S5-LM22080 Polyurethane adhesive fixing

## **Anti-Slip Products**

**Note:** The following products are not Emergency Visibility products as they contain no PL but are suitable for use on step-edges to help prevent slips and falls in all weather conditions.

#### F9-170 Step Nosing 50mm x 25mm

Available in standard lengths from 800mm to 1500mm in 100mm increments

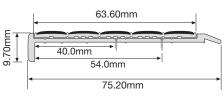


- · Supplied pre-drilled with fixers.
- Adhesive and caulking gun available separately
- Custom cutting is available from 2450mm and 3060mm lengths

#### F14-170 Step Nosing 75mm x 10mm

Available in standard lengths from 800mm to 1500mm in 100mm increments



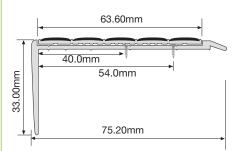


- Supplied pre-drilled with fixers.
- Adhesive and caulking gun available separately
- Custom cutting is available from 2450mm and 3060mm lengths

#### F15-170 Step Nosing 75mm x 33mm

Available in standard lengths from 800mm to 1500mm in 100mm increments





- Supplied pre-drilled with fixers.
- Adhesive and caulking gun available separately
- Custom cutting is available from 2450mm and 3060mm lengths

#### N2-070 Step Edge Contrast Anti/Slip 37mm

Available in standard lengths from 800mm to 1500mm

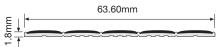


- Adhesive and caulking gun available separately
- Custom cutting is available from 2450mm and 3060mm lengths

#### N15-070 Step Edge Contrast 64mm

Available in standard lengths from 800mm to 1500mm in 100mm increments





- · Adhesive and caulking gun available separately
- Custom cutting is available from 2450mm and 3060mm lengths

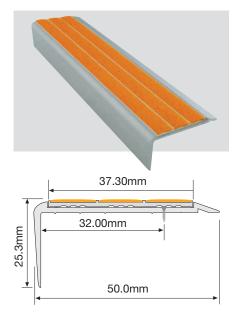
N15-070 Polyurethane adhesive fixing N15-070P Punched for screw fixing

## **Anti-Slip Products**

**Note:** The following products are not Emergency Visibility products as they contain no PL but are suitable for use on step-edges to help prevent slips and falls in all weather conditions.

#### F9-180 Step Nosing 50mm x 25mm

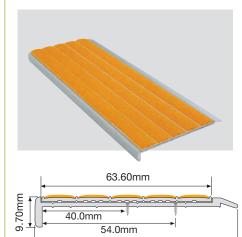
Available in standard lengths from 800mm to 1500mm in 100mm increments



- Supplied pre-drilled with fixers.
- Adhesive and caulking gun available separately
- Custom cutting is available from 2450mm and 3060mm lengths

#### F14-180 Step Nosing 75mm x 10mm

Available in standard lengths from 800mm to 1500mm in 100mm increments

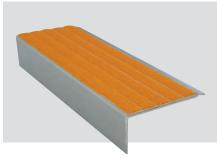


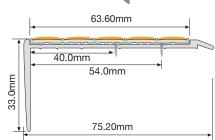
- Supplied pre-drilled with fixers.
- Adhesive and caulking gun available separately
- Custom cutting is available from 2450mm and 3060mm lengths

75.20mm

#### F15-180 Step Nosing 75mm x 33mm

Available in standard lengths from 800mm to 1500mm in 100mm increments

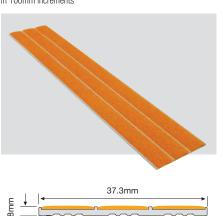




- Supplied pre-drilled with fixers.
- Adhesive and caulking gun available separately
- Custom cutting is available from 2450mm and 3060mm lengths

#### N2-080 Step Edge Contrast Anti/Slip 37mm

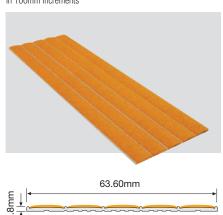
Available in standard lengths from 800mm to 1500mm in 100mm increments



- Adhesive and caulking gun available separately
- Custom cutting is available from 2450mm and 3060mm lengths

#### N15-080 Step Edge Contrast 64mm

Available in standard lengths from 800mm to 1500mm in 100mm increments



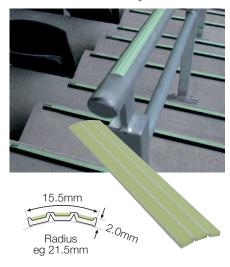
- Adhesive and caulking gun available separately
- Custom cutting is available from 2450mm and 3060mm lengths

N15-080 Polyurethane adhesive fixing N15-080P Punched for screw fixing

## **Handrail Markers and Path Markers**

#### H3-001 Handrail Marker 16mm

Available in 1000mm and 3060mm lengths



H3-001-1000 Polyurethane adhesive fixing H3-001-3060 Polyurethane adhesive fixing H3-001T-1000 Release tape pre-fitted H3-001T-3060 Release tape pre-fitted

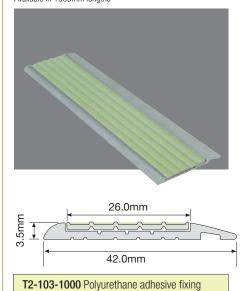
#### **HREC3** Metal End Cap



END CAPS Metal end cap to fit H3-001

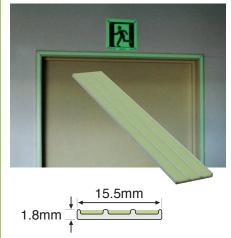
#### T2-103 Handrail Wall Marker 42mm

Available in 1000mm lengths



G3-001 Guidance Strip 16mm

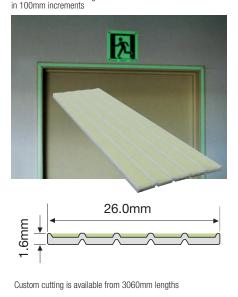
Available in 1000mm and 3060mm lengths



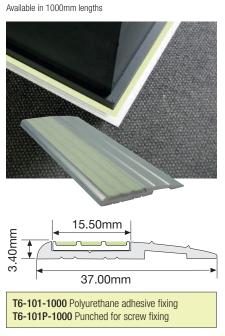
G3-001-1000 Polyurethane adhesive fixing G3-001-3060 Polyurethane adhesive fixing G3-001P-1000 Punched for screw fixing G3-001P-3060 Punched for screw fixing G3-001T-1000 Release tape pre-fitted G3-001T-3060 Release tape pre-fitted

#### G6-003 Guidance Strip 26mm

Available in standard lengths from 800mm to 1500mm

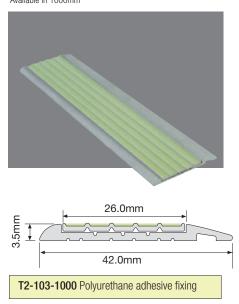


T6-101 Path Marker



T2-103 Path Marker 42mm

Available in 1000mm



## **UL 1994 PL Egress Signs**

Floor Proximity Direction Signs. Suitable to meet RIRR 2019: SECTION 10.2.5.12 EXIT MARKING Clause A (6) Directional Sign Requirements



Pictogram
Exit straight on from here
Product No. S5-RM2010
Size 200mm x 100mm



Pictogram Up Arrow Exit straight on up from here Product No. S5-RMUA2010 Size 200mm x 100mm



Pictogram Down Arrow Exit down from here Product No. S5-RMDA2010 Size 200mm x 100mm



Pictogram Up Left Arrow Exit up left from here Product No. S5-RMUL2010 Size 200mm x 100mm



Pictogram Down Left Arrow Exit down left from here Product No. S5-RMDL2010 Size 200mm x 100mm



Pictogram Up Right Arrow Exit up right from here Product No. S5-RMUR2010 Size 200mm x 100mm



Pictogram Down Right Arrow Exit down right from here Product No. S5-RMDR2010 Size 200mm x 100mm



Pictogram Left Arrow Exit left from here Product No. S5-RML2010 Size 200mm x 100mm



Pictogram Right Arrow Exit right from here Product No. S5-RMR2010 Size 200mm x 100mm

## **Miscellaneous Products**

Stairway Identification Sign



Stairway Identification Product No. S5-SI4631 Size 460mm x 310mm



Above graphics are an example only. Each sign is custom printed.

#### Polyurethane Adhesive

890100182KD



Adhesive for Emergency Visibility Products



#### Location ID Signs - Variable Data

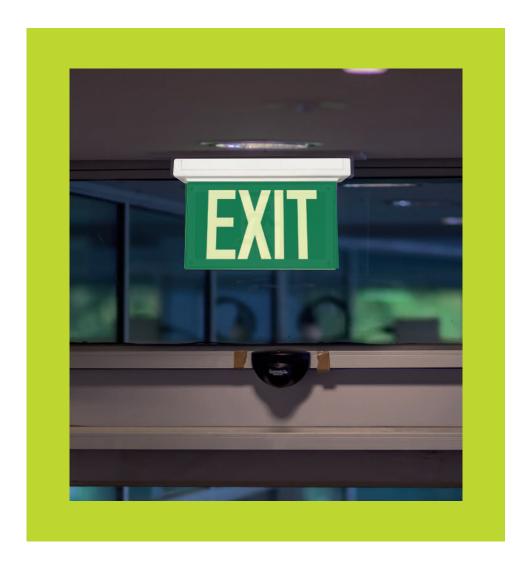


#### Product No: S10-HN/HTC2010 Size 200mm x 100mm

Graphics are applied to the PL panel during the manufacturing process. The sign also has HTC clear coating to protect the protect the print in outdoor environments.



Above graphics are an example only. Each sign is custom printed.



**Exit Signs** 

## **S20 Exit Signs**

#### To meet Fire Code of The Philippines Section 10.2.5.12 Exit Marking



#### Exit

Exit straight on from here Maximum Viewing Distance: 16m Product No: S20-BFP2916-16m Size 290mm x 162mm

Maximum Viewing Distance: 24m Product No: S20-BFP4223-24m Size 420mm x 230mm



#### Exit Right

Exit right from here Maximum Viewing Distance: 16m Product No: S20-BFP2916R-16m Size 290mm x 162mm

Maximum Viewing Distance: 24m Product No: S20-BFP4223R-24m Size 420mm x 230mm



#### Exit Left

Exit left from here Maximum Viewing Distance: 16m Product No: S20-BFP2916L-16m Size 290mm x 162mm

Maximum Viewing Distance: 24m Product No: S20-BFP4223L-24m Size 420mm x 230mm

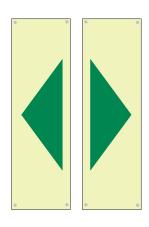


## Exit Right and Left Travel right and left

Maximum Viewing Distance: 16m Product No: S20-BFP3416RL-16m Size 340mm x 162mm

Maximum Viewing Distance: 24m Product No: S20-BFP4923R-24m

Size 490mm x 230mm



#### Chevron

Travel in this direction Maximum Viewing Distance: 16m Product No: S20-BFP162-16m Size 50mm x 162mm

Maximum Viewing Distance: 24m Product No: S20-BFP230-24m Size 70mm x 230mm

## **Hybrid LED Exit Signs**

The Hybrid LED Exit Sign combines Ecoglo's internationally recognised photoluminescent technology with Class II LEDs and the next generation patented electronics. Requiring no backup, the internally illuminated photoluminescent exit sign is effective in all lighting scenarios.

#### Non-HTC product





Sign can also be recessed into ceiling

The Hybrid LED exit sign is available single sided or double sided with a range of mounting options to satisfy architectural requirements.

Single sided sign (HYU1.2) or Double sided sign (HYU2.2) (Wall and ceiling mounting options included with sign)

Signs include one or more of graphics shown below. Custom graphics can also be produced to suit regional requirements.





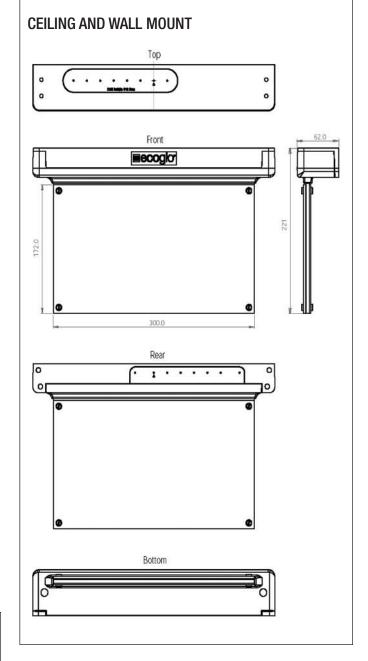
RM Exit straight on from here



RML Exit left from here



RMR Exit right from here



PRODUCT CODE	PRODUCT DESCRIPTION	GRAPHICS INCLUDED	MAXIMUM VIEWING DISTANCE
HYU1.2-BFP	Single Sided Hybrid Sign	1 x EX, 1 x EXR, 1 x EXL	24 metres
HYU1.2	Single Sided Hybrid Sign	1 x RM, 1 x RMR, 1 x RML	16 metres
HYU1.2-RMRL	Single Sided Hybrid Sign	1 x RM Double Arrow	16 metres
HYU2.2-BFP	Double Sided Hybrid Sign	2 x EX, 1 x EXR, 1 x EXL	24 metres
HYU2.2	Double Sided Hybrid Sign	2 x RM, 1 x RMR, 1 x RML	16 metres
HYU2.2-RMRL	Double Sided Hybrid Sign	2 x RM Double Arrow	16 metres



## Hybrid LED Exit Signs Mounting Options

#### Flag mount bracket kit



BR3-FM.WHT White flag mount bracket kit BR3-FM.BLK Black flag mount bracket kit

#### Ceiling recess bracket kit



BR3-CR.WHT White ceiling recess bracket kit BR3-CR.BLK Black ceiling recess bracket kit

Wall and ceiling mounting options are included with hybrid signs, above options are sold separately.

#### **Weatherproof exit enclosure**



**BR3-EXHS.WHT** White Weatherproof Exit Enclosure

## **UL 924 PL Exit Signs**



#### Pictogram Right Arrow

Exit right from here Maximum Viewing Distance: 50 feet Product No: S20-UL-RMR392223-50 Size 392mm x 223mm

Maximum Viewing Distance: 75 feet Product No: S20-UL-RMR480280-75 Size 480mm x 280mm



#### Pictogram Left Arrow

Exit left from here Maximum Viewing Distance: 50 feet Product No: S20-UL-RML392223-50 Size 392mm x 223mm

Maximum Viewing Distance: 75 feet Product No: S20-UL-RML480280-75 Size 480mm x 280mm



#### Pictogram Up Arrow

Exit straight on from here Maximum Viewing Distance: 50 feet Product No: S20-UL-RMUA392223-50 Size 392mm x 223mm

Maximum Viewing Distance: 75 feet Product No: S20-UL-RMUA480280-75 Size 480mm x 280mm



#### Pictogram Down Arrow

Exit down from here Maximum Viewing Distance: 50 feet Product No: S20-UL-RMDA392223-50 Size 392mm x 223mm

Maximum Viewing Distance: 75 feet Product No: S20-UL-RMDA480280-75 Size 480mm x 280mm



#### Pictogram Up Right Arrow

Exit up right from here Maximum Viewing Distance: 50 feet Product No: S20-UL-RMUR392223-50 Size 392mm x 223mm

Maximum Viewing Distance: 75 feet Product No: S20-UL-RMUR480280-75 Size 480mm x 280mm



#### Pictogram Up Left Arrow

Exit up left from here Maximum Viewing Distance: 50 feet Product No: S20-UL-RMUL392223-50 Size 392mm x 223mm

Maximum Viewing Distance: 75 feet Product No: S20-UL-RMUL480280-75 Size 480mm x 280mm



#### Pictogram Down Right Arrow

Exit down right from here

Maximum Viewing Distance: 50 feet
Product No: S20-UL-RMDR392223-50
Size 392mm x 223mm

Maximum Viewing Distance: 75 feet Product No: S20-UL-RMDR480280-75 Size 480mm x 280mm



#### Pictogram Down Left Arrow

Exit down left from here Maximum Viewing Distance: 50 feet Product No: S20-UL-RMDL392223-50 Size 392mm x 223mm

Maximum Viewing Distance: 75 feet Product No: S20-UL-RMDL480280-75 Size 480mm x 280mm



#### Exit

Exit straight on from here Maximum Viewing Distance: 50 feet Product No: S20-UL-EX353183-50 Size 353mm x 183mm

Maximum Viewing Distance: 75 feet Product No: S20-UL-EX481249-75 Size 481mm x 249mm

## **UL 924 PL Exit Signs**



#### Exit Left Exit left from here Maximum Viewing Distance: 50 feet Product No: S20-UL-EXL353183-50 Size 353mm x 183mm Maximum Viewing Distance: 75 feet

Product No: S20-UL-EXL481249-75

Size 481mm x 249mm



#### Exit Right Exit right from here Maximum Viewing Distance: 50 feet Product No: S20-UL-EXR353183-50 Size 353mm x 183mm

Maximum Viewing Distance: 75 feet Product No: S20-UL-EXR481249-75 Size 481mm x 249mm



#### Exit Double Arrow

Exit straight on from here Maximum Viewing Distance: 50 feet Product No: S20-UL-EXRL353183-50 Size 353mm x 183mm

Maximum Viewing Distance: 75 feet Product No: S20-UL-EXRL481249-75 Size 481mm x 249mm

## **Mounting / Hanging Options**

#### **Standard Mounting Brackets**



#### **Chain Suspension for Signs**



All UL924 and S20 signs include fixers for mounting the sign flat against a wall or other surface. Mounting brackets and chain suspension is also available (sold separately).

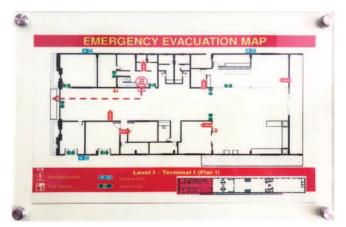
Contact infoPHL@ecoglo.com for more information



**Fire Protection Signs** 

## **Emergency Evacuation Plans**

Evacuation Plans are available on two types of photoluminescent material as below



An example of an Evacuation Plan in normal light

#### **HTC Evacuation Plan**

**Evacuation Plan (Aluminium Sheet)** 

**Emergency Evacuation Plan** Product No. S5-EVAC216330 Size 216mm x 330mm

Product No. S5-EVAC457610 Size 457mm x 610mm

Product No. S5-EVAC610914 Size 610mm x 914mm





Above graphics are examples only, each sign is custom printed.



An example of an Evacuation Plan in darkness

#### **Rigid PVC Evacuation Plan**

Evacuation Plan (Rigid PVC with acrylic overlay)\*

**Emergency Evacuation Plan** Product No. G20-EVAC216330 Size 216mm x 330mm

Product No. G20-EVAC457610 Size 457mm x 610mm

Product No. G20-EVAC610914 Size 610mm x 914mm \* Non-HTC product



## **Fire Safety Signs**



Fire Extinguisher
Fire extinguisher located here
Product No. S5-FEXT2010
Size 200mm x 100mm



Break Glass In case of emergency break glass Product No. S5-BG2010 Size 200mm x 100mm



Fire Hose Fire hose located here Product No. S5-FH2010 Size 200mm x 100mm



Fire Extinguisher
Fire extinguisher located here
Product No. BR5-DS-S5-FEXT2010
Size 200mm x 100mm (each side)



Fire Alarm
Fire alarm located here
Product No. S5-FA2010
Size 200mm x 100mm

## S5 Directional Exit Signs Text size to meet Fire Code of The Philippines Section 10.2.5.12 clause C



#### Exit

Exit straight on from here Maximum Viewing Distance: 16m Product No: S5-BFP2916-16m Size 290mm x 162mm

Maximum Viewing Distance: 24m Product No: S5-BFP4223-24m Size 420mm x 230mm



Exit Right
Exit right from here Maximum Viewing Distance: 16m Product No: S5-BFP2916R-16m Size 290mm x 162mm

Maximum Viewing Distance: 24m Product No: S5-BFP4223R-24m Size 420mm x 230mm



#### **Exit Left**

Exit left from here

Maximum Viewing Distance: 16m Product No: S5-BFP2916L-16m Size 290mm x 162mm

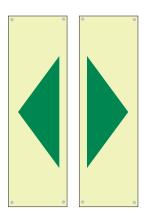
Maximum Viewing Distance: 24m Product No: S5-BFP4223L-24m Size 420mm x 230mm



## Exit Right and Left Travel right and left

Maximum Viewing Distance: 16m Product No: S5-BFP3416RL-16m Size 340mm x 162mm

Maximum Viewing Distance: 24m Product No: S5-BFP4923R-24m Size 490mm x 230mm



#### Chevron

Travel in this direction Maximum Viewing Distance: 16m

Product No: S5-BFP162-16m Size 50mm x 162mm

Maximum Viewing Distance: 24m Product No: S5-BFP230-24m Size 70mm x 230mm



## Disaster Preparedness Signs

## **S20 Disaster Preparedness Signs**



Ecoglo manufactures Disaster Preparedness signs with three different types of graphics.
All graphics are applied to Ecoglo S20 photoluminescent (PL) panels, but the method of application differs as below.

1. HTC - Graphics are applied to the panel during Ecoglo's manufacturing process, a process known as High Temperature Curing or HTC. This sign also has HTC clear coating added to protect the print in outdoor environments.

Graphics Warranty - 15 years outdoors

2. 3MR - Graphics consisting of high quality reflective vinyl are applied to the PL panel.

Graphics Warranty - 10 years outdoors

3. 3MS - Graphics consisting of high quality vinyl are applied to the PL panel.

Graphics Warranty - 6 years outdoors



Example above shows sign after reflective vinyl graphics have been applied to the PL panel.

Signs are available in three sizes as shown here.

See the full range of graphics with product codes on the next page.



315mm x 290mm



600mm x 475mm



945mm x 580mm

## **Disaster Preparedness Signs**



#### TSUNAMI EVACUATE



Product S20-EA315290-HTC
Codes S20-EA600475-HTC
S20-EA945580-HTC
S20-TE315290-3MR
S20-TE600475-3MR
S20-TE945580-3MS
S20-TE600475-3MS
S20-TE600475-3MS
S20-TE945580-3MS

#### **EVACUATION AREA**



Product S20-EA315290-HTC
Codes S20-EA600475-HTC
S20-EA945580-HTC
S20-EA315290-3MR
S20-EA945580-3MR
S20-EA315290-3MS
S20-EA600475-3MS
S20-EA600475-3MS
S20-EA945580-3MS

#### SEVERE WEATHER SHELTER



Product S20-SWS315290-HTC Codes S20-SWS600475-HTC S20-SWS945580-HTC S20-SWS315290-3MR S20-SWS600475-3MR S20-SWS315290-3MS S20-SWS600475-3MS S20-SWS945580-3MS S20-SWS945580-3MS

#### TSUNAMI EVACUATE RIGHT



Product S20-TER315290-HTC Codes S20-TER600475-HTC S20-TER945580-HTC S20-TER600475-3MR S20-TER945580-3MR S20-TER315290-3MS S20-TER600475-3MS S20-TER945580-3MS S20-TER945580-3MS

#### **EVACUATION AREA RIGHT**



Product S20-EAR315290-HTC Codes S20-EAR600475-HTC S20-EAR945580-HTC S20-EAR315290-3MR S20-EAR945580-3MR S20-EAR315290-3MS S20-EAR600475-3MS S20-EAR945580-3MS S20-EAR945580-3MS

#### **EVACUATION CENTER**



Product S20-EC315290-HTC
Codes S20-EC600475-HTC
S20-EC945580-HTC
S20-EC315290-3MR
S20-EC600475-3MR
S20-EC945580-3MS
S20-EC600475-3MS
S20-EC600475-3MS
S20-EC945580-3MS

#### TSUNAMI EVACUATE LEFT



Product S20-TEL315290-HTC Codes S20-TEL600475-HTC S20-TEL945580-HTC S20-TEL600475-3MR S20-TEL945580-3MR S20-TEL315290-3MS S20-TEL600475-3MS S20-TEL945580-3MS

#### **EVACUATION AREA LEFT**



Product Codes S20-EAL315290-HTC S20-EAL600475-HTC S20-EAL945580-HTC S20-EAL315290-3MR S20-EAL600475-3MR S20-EAL315290-3MS S20-EAL600475-3MS S20-EAL945580-3MS S20-EAL945580-3MS

## **Disaster Preparedness Signs**



FLOOD HAZARD ZONE



Product S20-FHZ315290-HTC Codes S20-FHZ600475-HTC S20-FHZ945580-HTC S20-FHZ315290-3MR S20-FHZ945580-3MR S20-FHZ315290-3MS S20-FHZ600475-3MS S20-FHZ945580-3MS S20-FHZ945580-3MS

#### TSUNAMI HAZARD ZONE



Product \$20-THZ315290-HTC Codes \$20-THZ600475-HTC \$20-THZ945580-HTC \$20-THZ315290-3MR \$20-THZ600475-3MR \$20-THZ945580-3MS \$20-THZ600475-3MS \$20-THZ600475-3MS \$20-THZ945580-3MS

**LANDSLIDE** 



Product S20-LS315290-HTC Codes S20-LS600475-HTC S20-LS945580-HTC S20-LS315290-3MR S20-LS945580-3MR S20-LS315290-3MS S20-LS600475-3MS S20-LS945580-3MS

#### EARTHQUAKE HAZARD ZONE



Product S20-EHZ315290-HTC Codes S20-EHZ600475-HTC S20-EHZ945580-HTC S20-EHZ315290-3MR S20-EHZ945580-3MR S20-EHZ315290-3MS S20-EHZ600475-3MS S20-EHZ945580-3MS

**VOLCANIC HAZARD ZONE** 



Product S20-VHZ315290-HTC
Codes S20-VHZ600475-HTC
S20-VHZ945580-HTC
S20-VHZ315290-3MR
S20-VHZ600475-3MR
S20-VHZ945580-3MS
S20-VHZ600475-3MS
S20-VHZ600475-3MS
S20-VHZ945580-3MS

#### WATER DEPTH GAUGE

- 5
- 4
- 3
- 2
- 1
- 4M
- 9
- 8
- 7
- 6

Product No: S20-WDG (HTC only) Size 115mm x 1000mm

Note: Image is for illustration purposes only. Each Water Depth Gauge is custom printed to specific requirements for each location.

### **Ecoglo International Limited**

## Warranty for Photoluminescent Performance of HTC\* Signs and Products

- We warrant the photoluminescent performance of both Signs and Products, manufactured using our High Temperature Curing (HTC) process, for a period of:
  - **thirty** years from the date of installation for standard Signs and Products which are positioned **indoors**; and **fifteen** years from the date of installation for **outdoor** Signs (specially coated for outdoor conditions) and Products which are positioned **outdoors**.
- 2. This warranty assumes normal conditions of use and maintenance but does not cover normal wear and tear. This warranty does not cover deterioration due to abuse, mistreatment, natural disasters (e.g. fire, flood), exposure to harmful chemicals or environments or any other use or exposure not recommended in our product literature. In particular, this warranty is void in the following circumstances:
- 2.1 The Signs and/or Products have been misused, neglected, damaged, abused or involved in an accident.
- 2.2 The Signs and/or Products have been improperly operated, repaired or maintained.
- 2.3 The Signs and/or Products have been modified.
- 2.4 The Signs and/or Products have been used outside their stated specifications, capacity and operating parameters.
- 3. If you have a claim that, in our reasonable judgement, satisfies the terms of this warranty, we shall replace the defective Sign or Product (material only).
- 4. This is an express warranty. It is your sole and exclusive remedy. We disclaim any other express or implied warranties, including warranties of merchantability or fitness for purpose, to the maximum extent permitted by law. Under no circumstances shall we accept liability for any injury to persons, damage to property, loss of profits, loss

- of operations or other direct, indirect, special, incidental, or consequential losses, costs and damages whether incurred by you, your guests, licensees, invitees or other third parties. Our liability under any circumstance, whether in contract, tort or otherwise, shall not, in the aggregate, exceed the price that you paid for the Sign and/or Product.
- 5. Some countries do not allow certain disclaimers, limitations or exclusions in warranties. Therefore, the above disclaimers, limitations and exclusions may not apply to you. This warranty gives you specific legal rights. You may have other rights or remedies pursuant to the laws of your country. Nothing in this limited warranty should be construed as limiting or restricting any other right or remedy available to you, except as allowed by the law in your country.

\*Manufactured using High Temperature Curing (HTC)



## **Ecoglo Fire Protection Product Trading**

36 C Gloria St., Brgy. San Carlos, Binangonan Rizal 1940 Philippines

## **HTC (High Temperature Curing)**

The patented manufacturing process used to make Ecoglo's products is known as High Temperature Curing or HTC.

HTC involves the precisely controlled application of a powder mix of customised photoluminescent pigments and customised carriers (referred to as Purpose Designed Polymer or PDP) onto an aluminium base.

The polymer mix and aluminium base pass through a bespoke oven to be baked at temperatures above 160°C. This high temperature curing process integrally bonds the polymer mix to the aluminium, eliminating the possibility of peeling, shrinkage or delamination. It also provides permanent protection of the photoluminescent pigments from degradation due to moisture or weathering.

These performance properties cannot be guaranteed for photoluminescent PVC products and tapes.

HTC products won't suffer from shrinkage, delamination or discolouring and are therefore more durable delivering higher and more reliable luminance.





#### The following Ecoglo product ranges are Certified HTC

- Step Edge Contrast
- Step Nosings
- Handrail Markers
- Guidance Strips
- Path Markers
- Directional Signs
- Stairway Identification Signs
- Fire Protection Signs\*
- UL 924 Signs
- UL 1994 Exit Signs
- S20 Exit Signs
- Disaster Preparedness Signs
- House Number Sign

\*Note G20 Evacuation Map is not HTC as is isn't aluminium



## Ecoglo Fire Protection Product Trading Address: 36-C Gloria Street, Barangay San Carlos,

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Email: infoPHL@ecoglo.com Web: www.ecoglo.ph