

CORE GLOW

CoreGLOW™ Stone

Introduction

Our CoreGLOW™ Stone is an engineered glowing stone, based on proprietary luminescent material and synthetic resins (PS, PP, etc). When exposed to a light source the luminescent material within the CoreGLOW™ Stone becomes chemically excited and will maintain an afterglow, initially very radiant, then slowly dissipating as dawn arrives.

The CoreGLOW™ Stone is best viewed in a dark area, where ambient light sources such as streetlights or moonlight are absent.



The CoreGLOW™ Stone is for use in footpaths, gardens, rockeries, pebble paths, terrazzo concrete, and driveways as an exposed aggregate. The CoreGLOW™ Stone **enhances safety** by marking the pathway in low light level conditions. Imagine the design possibilities! Spread CoreGLOW™ around the swimming pool, put in the aquarium or create decorative inlays for both al fresco and inside.

Features

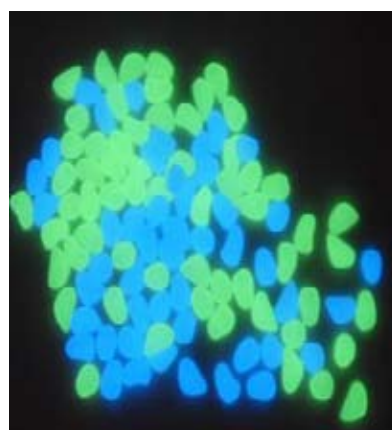
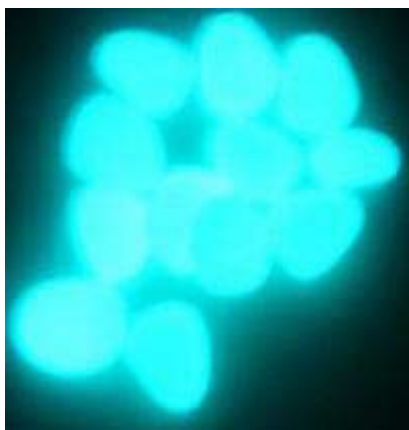
- The luminescent material in our CoreGLOW™ Stone is:
 - multi-activated
 - highly efficient powder cultivated from the earth
 - light-storing with long afterglow luminescent materials
 - efficient
 - environmentally friendly
 - very stable
- **Bright** - The brightness and duration of the luminescent material we use is more than 10 times than the traditional ZnS luminous material; and has a good water resistance compared to the common ordinary aluminate luminescent material.
- **Efficient** - With only 10-20 minutes of exposure to daylight or lamplight, the Core GLOW™ Stone can maintain its *glow in the dark* qualities for about 10-12 hours. Featuring yellow, yellow-green, blue or blue-green colors.
- **Eco-Friendly** - The CoreGLOW™ Stone is a non-radioactive, non-toxic and environmentally friendly.



Color in Daytime



Color in Dark-green



Color in Dark-blue

Color in Dark-blue and green

- **Safety** - The phosphorescence given off by our CoreGLOW™ Stone is not harmful, and provides safety of passage. Whether your mode of transportation is by vehicle or by foot let Core GLOW™ Stone illumination guide you.



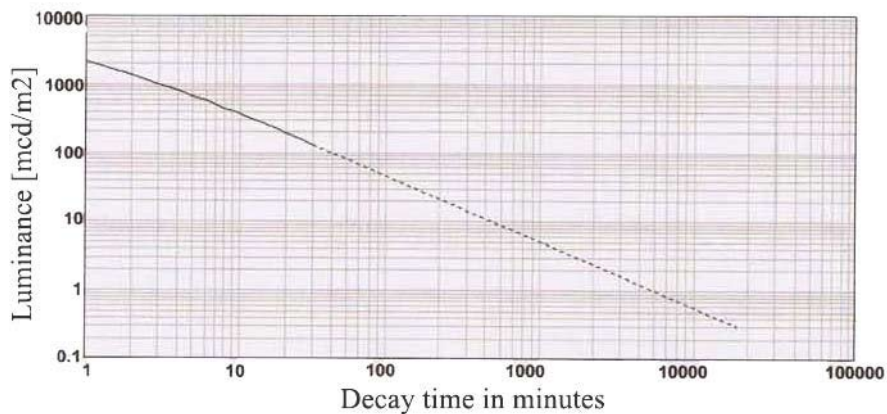
Specification

Appearance	Yellowish resin stones
Materials	Synthetic resin (PS, PP, etc) and luminescent material
Glowing Color	yellow、 yellow-green、 blue or blue-green etc; custom made
Duration	10+ hours
Life	>20years
Size	Small pebble: around 2.5x1.5x1cm Big pebble: around 5x4x1.5cm ; custom made
Weight	Small pebble: 5g Big pebble: 15g
Shape	Pebble, cobble, stone

Water Resistant	Yes
UV Resistant	Yes
Strength	>40Tons



Test data



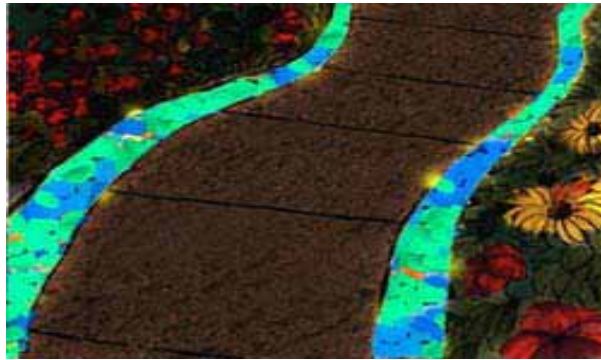
The CoreGLOW™ Stone afterglowing duration curve

Application

Our Stone offers a beautiful decorative glow effect and superior function, which makes it suitable for many different applications.

- CoreGLOW™ Stone is for use in footpaths, gardens, rockeries, pebble paths, terrazzo concrete, and driveways as an exposed aggregate.

- CoreGLOW™ Stone enhances safety by marking pathways in Low Light Level conditions.
- Spread CoreGLOW™ around the swimming pool, put in the aquarium or create decorative inlays for both al fresco and inside.



PACKING



Packing:
White box, carton

Dimension (cm):
35x25x20 cm

N.W. (KGS):
20 kg/carton



CORE SYSTEMS

CANADIAN DISTRIBUTOR

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