



Eli-Glow Photo Luminescent Products

*Keep your world
up all night*



- ▶ **Eli-Glow** Photo Luminescent pigments are the latest achievement in sustainable eco-lighting technology.
- ▶ This cutting-edge substance offers self-illuminating, electricity-free lighting that is both visually appealing and completely self-rejuvenating.
- ▶ The long-lasting glow offers functional and decorative solutions, ranging from workplace & road safety to visual applications, art, sculpture and interior/exterior design.
- ▶ The pigments will recharge themselves an infinite number of times and last indefinitely.
- ▶ The product range consists of pigment powders, pebbles, stones, rock fragments, water-based paints, glass mosaic tiles and laminated paper versions.
- ▶ We are continually developing new derivatives, keep an eye out on our website or social media.



How Does it work ?

Unlike conventional glow products, **Eli-Glow** photo-luminescent pigments are not primary light reflectors, but are actual sources of ambient light.

They absorb radiant U.V energy from sunlight (or indoor lighting) and convert it into longer wavelengths in the visible spectrum, thereby emitting it as light with the sensation of colours.

By day the pigment is a pale straw-coloured substance. When mixed in a ratio of 10-20% with a binder it becomes invisible and will not affect the optical clarity of your coating.

In darkness **Eli-Glow** will come to life transforming the entire appearance into a unique and captivating piece.

Colours available: AquaMarine Blue, Yellow/Green and Cobalt Blue.



How do I use Eli-Glow ?

1. Pigment powder

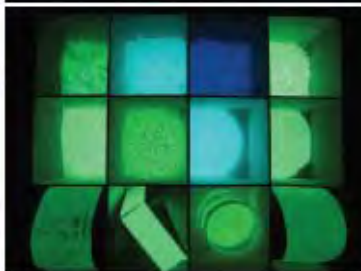
- ▶ Mix the powder into any non-waterbased binder (Eli-Chem clear resins, pva glues, clear varnishes, Clear-Coat, acrylic paints, oil paints, enamel paints, solvent-based paints, concrete sealers, inks etc).
- ▶ The binder needs to be clear/transparent or light in colour so as to allow the passage of U.V light to activate the **Eli-Glow** crystals.
- ▶ Mix 10-20 % powder into your binder to achieve a general glow colour across the finished article (painting, sculpture, billboard, photograph, pathway, jewellery etc).
- ▶ Alternatively the powder can be sprinkled/scattered in some areas to highlight in a line, spot or even trace a curved section.

2. Glow sand, Glow Pebbles and Glow stones

- ▶ Add **Eli-Glow** sand, pebbles and stones to gardens, flower-beds, driveways, pathways, even fish tanks, aquariums and ponds.
- ▶ After as little as 30mins exposure to daylight (or indoor lighting) the product will glow for up to 8hrs.
- ▶ They can be scattered over gravel, sand and concrete or set into a concrete layer or resin-bound driveway.
- ▶ **Eli-Glow** particles can be "charged" under normal interior lighting or even quicker with a U.V light source (U.V lamp or torch).
- ▶ **Eli-Glow** sand, pebbles and stones are non-toxic, harmless, stable and inert. Suitable for underwater and aquatic use.

In Daylight

In Darkness



SAFETY & DURABILITY:

Eli-Glow is harmless, non-toxic, non-radioactive, non-hazardous and not restricted for air/road/sea transport. MSDS available on request.

Eli-Glow pigments will release light for up to 8 hours in darkness and "charge up" after only 30 minutes exposure to daylight.

Eli-Glow technology shows no sign of any reduction in the ability to rejuvenate daily. It has an indefinite usable lifetime.



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