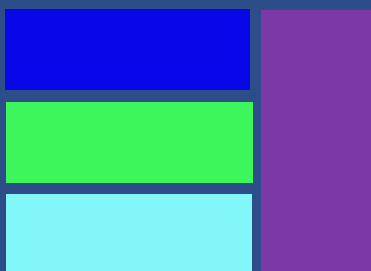


Product Data Sheet:

Eli-Glow Photo Luminescent
Pigment Powders

100g, 500g



Eli-Chem Eli-Glow Photo Luminescent pigment powders use the latest technology to create stunning artwork and decorative effects. This material represents cutting edge technology in energy zero, self-sustaining light sources.

These amazing pigments are available in a fine powder form which are easily mixing into our clear artwork resins. They can be added to the resin or sprinkled over the surface and sealed in place. By day the powder crystals absorb UV light and after dark they release energy in the form of a long-lasting ambient glow.

- Available in Cobalt Blue, Green, Aquamarine Blue and Violet
- Two pack sizes – 100g & 500g
- Will glow for up to 8 hours with as little as 30 minutes exposure to daylight
- Any ambient light nearby will reduce the visibility of the glow
- Non-toxic & non-hazardous
- Bulk purchases of larger pack sizes available
- Pigments will recharge an infinite number of times and last indefinitely

How does it work?

Unlike conventional pigments, photo luminescent fillers are not primary light reflectors, they are actual sources of light. They absorb radiant energy from sunlight or artificial lighting and convert it into longer wavelengths in the visible spectrum, thereby emitting it as light which is displayed through colours.

Mixing

Mix the powder into any non-water-based binder (Eli-Chem clear resins, PVA glues, clear varnishes, acrylic paints, oil paints, enamel paints, solvent based paints, concrete sealers or inks). A water-based version is available, please contact us for more information. The binder must be clear/transparent or light coloured to allow the passage of UV light to activate the Eli-Glow crystals. Mix 5%-10% of the powder into the binder to achieve a general glow colour across the finished article. An application of up to 10% will appear clear in daylight. A maximum of 20% can be added but this will appear cloudy in daylight.

Application

For best results the glow mixture should be applied to a white or light background.

GLOW PEBBLES AND BOULDERS

Add Eli-Glow pebbles and boulders to gardens, flower beds, driveways (they can be scattered over gravel, sand or concrete or set into concrete or a resin bound driveway. Even fish tanks, aquariums and ponds. All are non-toxic, harmless, stable and inert. Suitable for underwater and aquatic use. After as little as 30 minutes exposure to daylight or indoor lighting the product can glow for up to 8 hours.

SAFETY:

Eli-Glow is harmless, non-toxic and non-hazardous.