

TECHNICAL DATA SHEET

GLOW AQUA - Phosphorescent acrylic paint series

<p>We present GLOW AQUA glow-in-the-dark paints from SPLinx. Almost invisible during the day, they "charge" with sunlight, UV light or artificial light, and then emit their own distinct, colored light in darkness. This allows the creation of an attractive visual effect that surprises and draws attention. You can create unique decorative applications that change their appearance with the natural day and night cycle, such as murals glowing after dusk or ceilings resembling a starry night sky.</p> <p>The paints can also be used for warning or informational purposes, applied to elements that illuminate pedestrian routes in darkness or highlight important information. The paints are available in 0,5 kg and 1 kg packaging. Basic colors available in the range:</p> <ul style="list-style-type: none">• green• blue• red <p>Looking for a different color? Contact us! Tailored solutions are our core expertise.</p>
Characteristics
<ul style="list-style-type: none">• rapid energy absorption and long-lasting subsequent radiation emission• easy application• surface easy to maintain and clean
Application

The data contained in this data sheet are based on information provided by raw materials suppliers and our own researches. They have merely information nature. Tests must be definitely carried out before final work.



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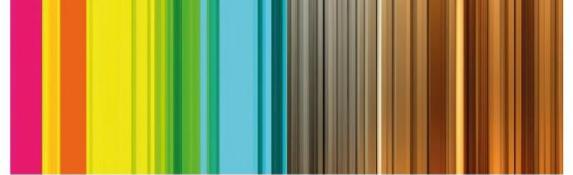


glow in the dark paints
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SPLinx Jacek Bisiorek
ul. Kościelna 1, 05-126 Kąty Węgierskie, Poland
VAT ID: PL5361019897

+48 22 243 16 93 | biuro@splinx.pl | splinx.eu





Before use, the paint must be thoroughly mixed, as the pigment has a strong tendency to settle at the bottom of the container.

Ensure that the substrate is clean and dry. The ambient temperature, substrate temperature and paint temperature during application and drying must be at least +5°C. Do not apply the product at temperatures above +30°C, including during drying. Relative air humidity should not exceed 80%.

The paint may be applied by brush, paint roller, sponge or by airless spray application. For brush application, the paint may be diluted as required. For spray application, the paint may be diluted within the range of 10–22% (viscosity 20–25 s DIN4). We recommend a nozzle size of 0.011–0.013" and pressure of 120–160 bar.

We recommend applying several coats after prior testing – the thicker the paint layer, the better the effect and the higher the glow intensity in darkness.

The time interval between the application of successive layers should be at least 2 hours.

Theoretical coverage: approx. 10–20 m²/kg (one coat). Practical coverage depends on ambient conditions (temperature, humidity), application method, substrate roughness, and the desired final effect.

Drying time:

- touch dry: after approx. 1 h (at T = 20°C and approx. 60% relative humidity)

Before complete drying, do not allow the product to come into contact with water.

Substrates

Facade surfaces, concrete, plaster, gypsum plasterboards, wood, sound dispersion paint coatings. Before application, remove all contaminants from the substrate (mechanically or by washing with water) and allow it to dry. Substrates should be sound, free from efflorescence and sintered layers, release agents and adhesion-reducing substances. For certain substrates, prior priming or repair of defects in the base layer may be necessary.

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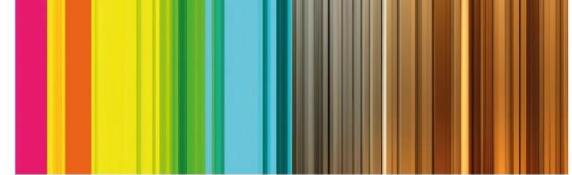
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Application of a white or very light-colored base coat has a beneficial effect on achieving the desired phosphorescent effect. Application of phosphorescent paint on dark colors reduces the effect by up to 50%.

We recommend tests before commencing work.

Storage & Handling

Store the paint in its original, closed packaging, protected from frost, heat sources and direct sunlight. Storage temperature range: from +5°C to +25°C.

Due to the high weight of the pigment and its strong tendency to settle at the bottom of the container, the paint must be thoroughly mixed every 2 weeks during storage.

Shelf life: up to 6 months from the date of production. After this period, testing is recommended.

Auxiliary Products

We recommend the use of auxiliary products from the GLOW AUX range by SPLinx: a primer as a base layer and a topcoat varnish to protect the dried paint surface.

Thinner: water.

Health & Safety

Standard precautions for handling chemicals should be observed. Detailed information is provided in the Safety Data Sheets for individual products in the range. Avoid inhalation of sprayed liquid, mist and vapours. During application and after completion, ventilate the room until odour dissipates. In case of insufficient ventilation, appropriate respiratory protective equipment should be used. Exercise caution when disposing of construction paint waste, in accordance with applicable regulations and guidelines.

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