

TECHNICAL DATA SHEET

GLOW AQUA - Invisible Fluorescent Acrylic Paint series

Description

We offer a range of invisible fluorescent paints GLOW AQUA by SPLinx. Under daylight conditions, the paints are transparent or milky white; however, when the lights are switched off and the surface is illuminated with UV lamps, they reveal an intense range of colours. In this way, they create a hidden visual effect that becomes visible only under UV light.

GLOW AQUA paints enable the achievement of striking and surprising visual effects that attract attention and clearly distinguish the coated elements from their surroundings. The paints are intended for the creation of decorative interior designs as well as UV-illuminated murals and advertising banners. The product is available in 500 g and 1000 g containers. The basic colours available within the series are:

- green
- lemon
- blue
- red
- yellow

Colours are visible under UV light.

Looking for a different colour? Please contact us. Custom-made solutions are our specialty.

Characteristics

- transparent or milky white appearance in daylight
- colour effect visible under UV light
- easy application
- surface easy to keep clean

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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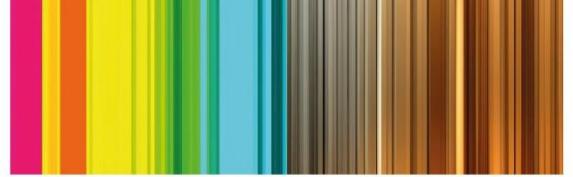
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Application

Ensure that the surface to be coated 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. The relative air humidity should not exceed 80%.

Before use, the paint should be thoroughly mixed, as the pigment tends to settle at the bottom of the container.

The paint may be applied by brush, paint roller, sponge or by airless spray application. When applying by brush, 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). A nozzle size of 0.011–0.013" and a pressure of 120–160 bar are recommended. Depending on the desired final effect, apply 1 to 3 coats of the product. Preliminary tests are recommended prior to application. The interval between individual coats should be at least 2 hours.

Theoretical coverage: approx. 10–20 m²/kg (one coat).

Actual coverage depends on ambient conditions (temperature, humidity), application method, surface roughness, and the desired final effect.

Drying time:

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

Do not allow contact with water before complete drying.

Substrates

Façade surfaces, concrete, plaster, gypsum plasterboards, wood, and sound coatings made of dispersion paints. Before application, all contamination must be thoroughly removed from the surface (mechanically or by washing with water) and the surface must be dried. Substrates should be sound, free from efflorescence, sintered layers, release agents and substances reducing adhesion.

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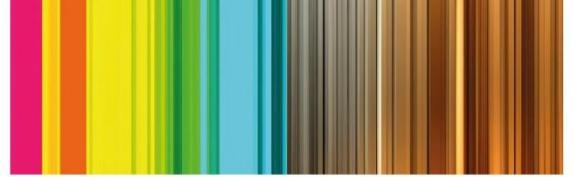
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For certain substrates, prior priming with a suitable primer or repair of defects in the base layer may be required. Preliminary tests are recommended.

Storage & Handling

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

Shelf life: up to 6 months from the production date. After this period, testing is recommended. Repeated opening of the container may shorten the product's shelf life.

Auxiliary Products

The use of auxiliary products from the GLOW AUX series by SPLinx is recommended: a primer as a base coat and a topcoat varnish to protect the dry paint surface.

Thinner: water.

Health & Safety

Standard chemical handling precautions apply. Detailed information is provided in the Safety Data Sheets for individual products within the series. Avoid inhalation of sprayed liquid, mist and vapours. During and after application, the area should be ventilated until the odour has dissipated. In case of insufficient ventilation, appropriate personal 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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