

TECHNICAL DATA SHEET

GLOW AQUA - Reflective Acrylic Paint series

Description

We offer a range of GLOW AQUA reflective paints by SPLinx. The glass microbeads contained in the product act like small mirrors, concentrating and intensely reflecting light back towards its source, such as vehicle headlights, flashlights or light bulbs.

When applied to posts, railings, barriers, gates or information boards, they contribute to increased safety in numerous environments, both private and public, such as roads and car parks, as well as industrial halls and warehouses.

The paints are available in 0,5 kg and 1kg packages. The series includes the following base colors:

- White Flash Road
- Yellow Flash Road
- Grey Flash Road

Looking for a different solution? Please contact us. Custom-made products are our specialty.

Characteristics

- intense light reflection
- easy application
- surface easy to keep 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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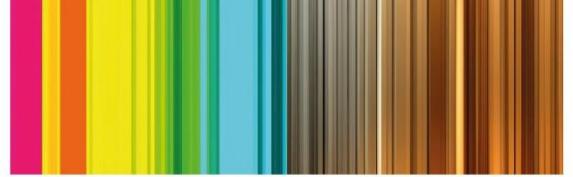


glow in the dark paints
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Before use, the paint must be thoroughly mixed, as the pigment has a strong tendency to settle at the bottom of the container. Ensure that the surface to be coated is clean and dry.

The temperature of the ambient air, the substrate and the paint itself during application and drying must be at least +5°C. The product must not be applied at temperatures above +30°C, also during drying. Relative air humidity should not exceed 80%.

The paint can be applied by brush, paint roller, sponge or by airless spray. 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 DIN 4).

We recommend using a nozzle size of 0.011–0.013" and pressure of 120–160 bar. Depending on the desired final effect, apply 1 to 3 coats of the product. Test applications prior to commencement of works are recommended. The minimum interval between successive coats should be 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: after approx. 2 h (at T = 20°C and relative humidity approx. 60%)

Do not allow contact with water before complete drying.

Substrates

Façade surfaces, concrete, plaster, gypsum boards, wood, sound coatings made of dispersion paints. Before application, thoroughly remove contamination from the surface (mechanically or by washing with water) and allow to dry. Substrates should be sound, free from efflorescence and sintered layers, release agents and substances reducing adhesion. For some substrates, prior priming with a primer or repair of defects in the base layer may be required. Test applications prior to commencement of works are recommended.

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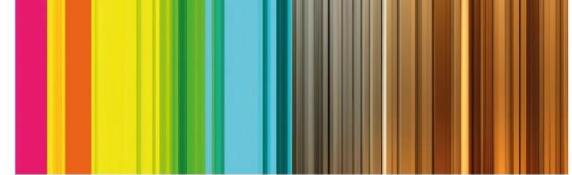
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Storage & Handling

Store the paint in its original, unopened 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, test applications are recommended.

Auxiliary Products

We recommend the use of auxiliary products from the GLOW AUX series by SPLinx:

- primer as a base coat
- topcoat varnish for protection of the dried paint surface

Thinner: water.

Health & Safety

Standard chemical safety precautions should be observed. Detailed information is provided in the Safety Data Sheets (SDS) for individual products in the series. Avoid inhalation of sprayed liquid, mist and vapours. During and after application, ventilate the area until the odour has dissipated. In the 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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