



Luminous markers for KBI
surfacing products



Sustainable Porous Paving Solutions

What is Flexiglo?

Flexiglo products are based on a photoluminescent pigment encapsulated within a polymer/glass bead hybrid. The glass bead hybrid maximises light absorption transmitting uv or artificial light onto the photoluminescent pigment.

In simple terms, the product absorbs light and glows in the dark.

The product comes in one colour; green. The amount of incident radiation - be it natural or artificial light - requires just 10 minutes to achieve maximum charge. The after-glow emitted for maximum effect requires a dark environment. The after-glow in such conditions will last 12 hours.

Flexiglo has a 25-year glow guarantee.



Applications

The product is ideally suited for pathways and areas of pedestrian access that would benefit from guidance lighting but are unsuited for artificial electrical lighting to be installed.

By utilising KBI Flexiglo, pathways can be navigated by pedestrians during hours of darkness, increasing their safety and offering reassurance to users.

The product can also be retrospectively added to existing sections of KBI Flexipave or KBI Flexistone.

Retrospective Installation Process



Above: The existing pathway is marked using 1.5m alternating intervals. Once marked, square sections are carefully cut.



Above: Once the cutting is complete, the existing section is carefully removed. The Flexiglo product is then located into the recess, before a fresh application of Flexipave or Flexistone is installed around the Flexiglo in order to secure it in position.



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flexiglo
Using i-glo technology

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