KBI

Sustainable Porous Paving Solutions

MERLIN ENTERTAINMENTS LTD
LEGOLAND MYTHICA



CS18/01

flexipave by KBI

01422 242880

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A NEW KINGDOM, A NEW SURFACE

LEGOLAND Mythica is a brand-new themed area featuring three new rides. Having previously delivered the park's Haunted House project in 2020. KBI UK was approached by B&E Services to explore design options for the zone. After a brief, the team met the LEGOLAND architects, who shared their vision. The challenge was considerable. The specialised colour scheme demanded extensive research and development to source raw aggregate compatible with KBI's binding agent, while installation had to be carefully planned around bespoke moulds to creating the lightning bolts.



INTRODUCING FLEXIGLASS

KBI UK delveloped Flexiglass, a brand-new system created to deliver the architects' exact visual concept. Using highly polished, coloured glass, the team created coloured veins that mirror the surrounding architecture. Blue-pigmented glass and quartz subtly reference the Mythica Kingdom colour scheme. A bespoke blend of KBI Flexistone surfacing, incorporating blue quartz in the aggregate, produced a visually dynamic surface that meets drainage and access requirements.





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HIGHLY DECORATIVE
Enhances the space with a clean, professional finish that suits a premium themed environment.

FULLY PERMEABLE
Allows water to drain through the surface, preventing puddling and supporting effective, natural drainage.

BESPOKE COLOUR
Blue-pigmented glass and quartz echo the Mythica Kingdom colour scheme, tying the ground surface into the wider theme.

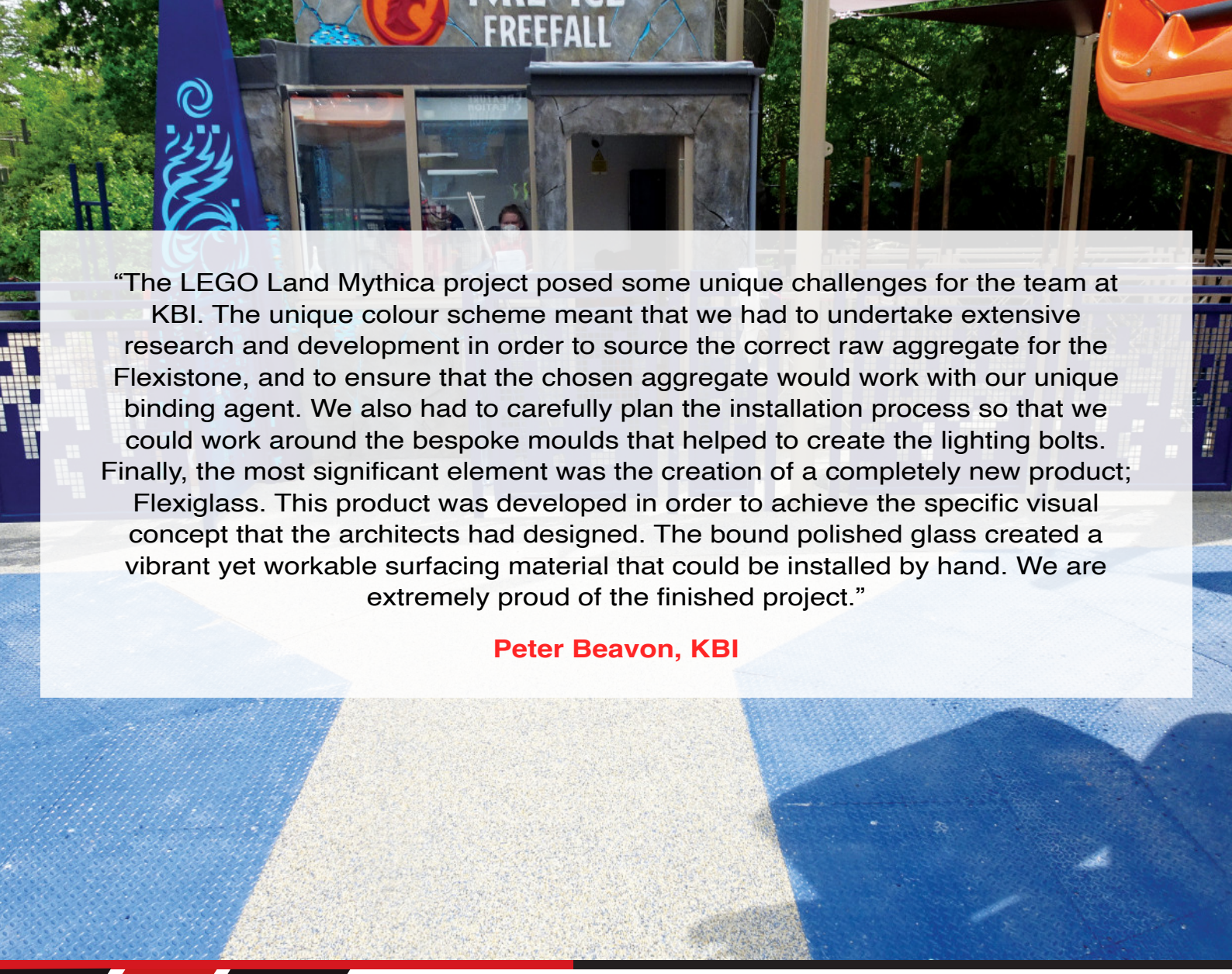
DESIGN FLEXIBILITY
Coloured veins and custom patterns create visually engaging designs that complement the surrounding architecture.

INNOVATIVE DEVELOPMENT
Flexiglass was created specifically to achieve the architects' concept, showing PMP's ability to develop new solutions to meet a brief.

PRACTICAL PERFORMANCE
The surface balances its visual impact with the drainage and access requirements of a busy theme park area.







"The LEGO Land Mythica project posed some unique challenges for the team at KBI. The unique colour scheme meant that we had to undertake extensive research and development in order to source the correct raw aggregate for the Flexistone, and to ensure that the chosen aggregate would work with our unique binding agent. We also had to carefully plan the installation process so that we could work around the bespoke moulds that helped to create the lighting bolts. Finally, the most significant element was the creation of a completely new product; Flexiglass. This product was developed in order to achieve the specific visual concept that the architects had designed. The bound polished glass created a vibrant yet workable surfacing material that could be installed by hand. We are extremely proud of the finished project."

Peter Beavon, KBI

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