KBI

Sustainable Porous Paving Solutions

NATIONAL LIBRARY OF WALES



CS20/01

flexipave by KBI

01422 242880

kbiuk.co.uk

SAFER ACCESS, SEAMLESSY SURFACED

The National Library of Wales in Aberystwyth is the national legal deposit library of Wales and a Welsh Government-sponsored body. It holds over 6.5 million books and periodicals, alongside Wales' largest collections of archives, portraits, maps and photographic images.In spring 2021, work began to resurface the access areas around the building. The slippery stone surface of the entrance footpath created safety issues for visitors arriving at and leaving the library. The work had to be completed at short notice, in time for the library to reopen following the winter lockdown.



RESILIENT POROUS PAVING

KBI UK supplied a sustainable, Flexipave porous paving solution for the National Library of Wales, addressing the challenges presented by its exposed hillside setting and high levels of rainfall. Unlike traditional hard surfaces and resin-bound systems, the material's superior porosity allows water to drain freely, reducing surface water pooling and the risk of flooding.Its flexibility helps to prevent cracking, ensuring long-term durability, while the clean, seamless finish complements this landmark cultural site. The result is a practical, resilient and environmentally friendly outdoor environment.



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SUPERIOR DRAINAGE
Flexipave's highly porous structure allows rainwater to drain quickly through the surface, helping to reduce standing water and surface pooling.

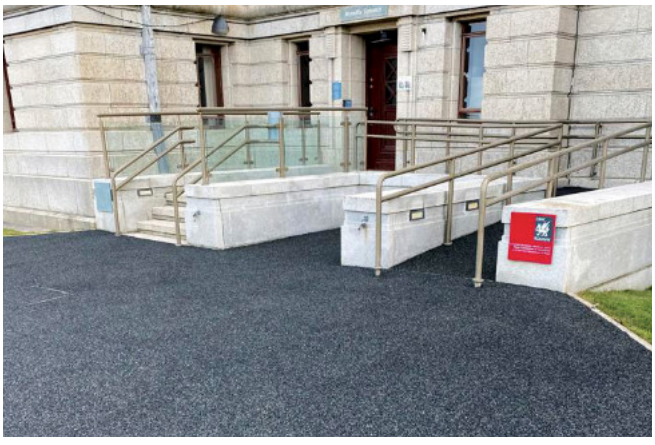
REDUCED FLOOD RISK
By allowing water to infiltrate rather than run off, Flexipave helps manage heavy rainfall and can reduce pressure on surrounding drainage systems.

CRACK RESISTANCE
Its flexible composition allows the surface to move slightly without cracking, making it well suited to exposed locations and changing ground conditions.

LONG-TERM DURABILITY
Flexipave is designed to withstand regular foot traffic, harsh weather and demanding outdoor environments while maintaining its performance over time.

SLIP-RESISTANT SURFACE
The porous, textured finish helps reduce the risk of slippery conditions, improving safety for pedestrians in wet weather.

SUSTAINABLE SOLUTION
Flexipave is a sustainable paving solution that manages water effectively while providing a clean, seamless finish.





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