



Sustainable Porous Paving Solutions

HADRIANS WALL CASE STUDY



flexipave
by **KBI**



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Housesteads Roman Fort is the remains of an auxiliary fort on Hadrian's wall. The fort was built in stone around AD 124. It is known as the best-preserved Roman fort in Britain. Hadrian's Wall marches 73 miles from coast to coast and features remains of the forts, towers, turrets and towns that once kept watch over northern England.

Hadrian's wall in Housesteads has a lot of visitors, as it is a world heritage site and receives many visitors from walkers and tourists, with many people completing the 73 mile long walk.



The previous path was made from compacted whin dust, which was not very accessible for wheelchairs and the infirm. A major issue was the site's status as one of the most archaeologically sensitive in Europe, meaning no excavation was allowed. Flexipave was the ideal choice as it was able to be installed directly on the existing surface.





Working for English Heritage, KBI installed 207m² of Flexipave that was completed in two phases. The first phase was completed in November 2022, with the second phase finalised in March 2023.

The Flexipave surface makes the tourist site more accessible for walkers and visitors and fits in very well with the grass around it. The Flexipave surface installed outside the Housesteads visitor museum provides the perfect walkway for customers going in and outside the museum.



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The Flexipave surface is made by bonding the recycled rubber crumb with specially dried stone aggregate. Once the dry loose material is bonded with KBI's unique binding agent, the finished surface is completely porous, allowing water to drain directly through it.

KBI installed Flexipave in two phases for English Heritage. KBI has subsequently received the go ahead to conduct further work on the World Heritage Site.



“Working on sites of Historic national importance, which are within SSSI areas and are Unesco World Heritage Sites, means installing foot paths within a restricted environment is challenging. Having reviewed various products Flexipave came out on top. It was installed in a relative short period which meant limited disruption to visitors’ experience and provides a level surface, suited to both able and assisted visitors. All in all, very satisfied with the product. We found KBI both helpful and flexible in supporting us through the process of planning and consents and in delivery. Happy to recommend this product.”

Andrew Mattches
English Heritage

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