KBI

Sustainable Porous Paving Solutions

DERBYSHIRE CC SHALLCROSS INCLINE



CS06/01

flexipave by KBI

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RESTORING THE SHALLCROSS INCLINE

Originally opened in 2012 as a joint initiative between Whaley Bridge Town Council and Derbyshire County Council, the 600-meter Shallcross Incline provides public access along a former railway route climbing from Horwich End to Shallcross. Over time, the route's poor condition restricted access for local residents and visitors - a situation severely compounded in 2019 when major rainstorms caused extensive flood damage. Four years on from the storm, Derbyshire County Council recognised that the deteriorated incline required a robust, resilient resurfacing solution capable of restoring community accessibility.



SUSTAINABLE RESTORATION

To address the flood-damaged Shallcross Incline, KBI UK supplied 1,412m² of Flexipave in Stone Age Bronze at 40mm depth. Specified for its exceptional versatility, our material was laid over varied sub-bases on a steep 1:10 incline. Incorporating 4,518 recycled vehicle tyres, the supply prevented 99,405kg of incinerated CO_2 emissions while delivering a porous, eco-friendly surface that prevents flooding, elevates visual appeal and restores full public accessibility





The transformation shows how unique and special Flexipave is as a product. We installed the surface on an incline of 1:10 which emphasises the versatility of the surface. It can be installed on a variety of different sub bases."

Steve Ashall Northern Sales Manager - KBI

POROUS FLOOD PREVENTION
Allows rainwater to drain directly into the sub-grade, eliminating surface runoff, puddles and dangerous winter ice hazards.

ECO-FRIENDLY
Diverts thousands of waste vehicle tyres from incineration, significantly lowering carbon emissions through sustainable material use.

ALL-WEATHER ACCESS
Creates a smooth, slip-resistant and crack-resistant surface that improves mobility for pedestrians, wheelchairs and strollers.







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