

Ultrascape Helps to Preserve Gateway to World Heritage Site



Bow Lane in Durham is the gateway to the city's World Heritage Site. Several years ago, the well-used thoroughfare underwent a facelift to rejuvenate it.

CONTRACTOR: HGIHWAY DESIGN

MATERIALS USED: BS 7533 SYSTEM

The work was carried out using Ultrascape's BS 7533 compliant mortar paving system comprising Pro-Prime slurry primer, Pro-Bed HS fine bedding concrete and Flowpoint rapid setting grout. This British Standard proves that these materials have been independently and rigorously tested by a UKAS accredited laboratory to assess their performance capabilities. Schemes incorporating BS 7533 compliant materials will benefit from a reduction in failures and considerable whole life cost savings.

Ultrascape's Flowpoint has a high fluid consistency and was ideal for grouting the varying joint widths and depths created by the cobbles. Simple to use, it was poured over the area and washed clean, filling all joints evenly, without staining. This slurry method provides a fast, cost effective and robust way of grouting large areas, quickly. Furthermore, Flowpoint can be open to foot traffic in just one hour, minimising time on site and disruption to pedestrians. It is available in two colours; charcoal and natural, both of which were used on this project. A third, bespoke colour was also blended to ensure all areas were in keeping with the original character.

The site has since withstood vehicular traffic, heavy foot traffic, and the elements, with no signs of deterioration - a testament to using a BS 7533 compliant system. A tried and tested method that



removes the uncertainty of site batched mortars and offers a minimum construction life of 40 years.

"We are delighted with the overall appearance of the scheme and also with its durability. The products were easy to use and the technical assistance we received from the team at Ultrascape in the design stages, and also during the construction process, all contributed to the success of the project. The products have proved themselves to be resilient and durable and Bow Lane looks just as good 4 years on." Sara Forbes, Assistant Engineer, Highway Design.