



An *INSTARMAC* Brand

Castle Square, Lincoln



CONTRACTOR: Ringway
SITE: Castle Square, Lincoln
PROJECT: Lincoln Cathedral
MATERIALS USED: Pro-Bed HS, Flowpoint

Castle Square, Lincoln

Problem:

The surrounding area of Lincoln Cathedral has recently been repaired to the highest of standards using products from Ultrascape's range of BS7533 compliant streetscape materials.

Cracks caused by movement has started to materialise in the pavements and walkways surrounding the Cathedral, causing concern for visitor safety. Contractors Ringway, were to resolve the problem and ensure the pavements were restored to their former state. The pavements required sympathetic repair, but needed a product that would provide a long term solution and prevent the same from happening again.

Action:

Ultrascape Pro-Bed HS fine bedding concrete and Flowpoint rapid setting grout were chosen to complete the project. Pro-Bed HS was able to bed in the setts at depths of between 10mm to 75mm, prior to the joints being grouted with Flowpoint.

Flowpoint's pourable consistency provides a void free joint that is essential for bound pavement design, whilst its rapid set qualities allow an area to receive foot traffic in just 1 hour. Flowpoint is able to fill joint widths from 5mm to 50mm and a joint depth of 200mm in a single pour. This innovative product is simply mixed with water and reaches a compressive strength of 49.6N/mm², a flexural strength of 7.10N/mm², a tensile strength of 3.91N/mm² and a bond strength of greater than 1.50N/mm².

Both products are manufactured for high performance and meet both the highest British and Industry standards to BS7533 Part 12, and were chosen for their early trafficking, high strength and long-term durability - key factors to the commercial success and completion of the project.

Results:

Both the client and the contactor were happy with the overall success of the project. They were especially pleased with Ultrascape's materials due to there ease of use, consistent strength and long term stability. They are already putting plans in place to use the same system in future phases.

MATERIALS USED

Flowpoint



Pro-Bed HS

Instarmac Group plc, Head Office

Danny Morson Way, Birch Coppice Business Park
Dordon, Tamworth, Staffordshire, B78 1SE

Tel: +44(0) 1827 871871 Fax: +44(0) 1827 874466

eMail: enquiries@instarmac.co.uk Website: www.instarmac.co.uk