

**Project Name:** Sidney Street

**Client:** Cambridge CC / Atkins Global

**Contractor:** In-house

**Project:** 1,200m<sup>2</sup> CBP

**Product Used:** Resiblock '22'

**Date:** June 2013

## The Site



Sidney Street is located in the centre of the shopping precinct in this University City. The existing yorkstone flag paving adjacent to the shops was subject to HGV trafficking during the evening and early morning delivery windows. The paving was unable to withstand these lateral loads and was failing, leading to tripping hazards.

## The Challenge

Post consultation with Marshalls, it was decided to re-lay a proportion of the existing footpath with standard CBP that would withstand the HGV traffic. However, there were concerns that the existing mechanical cleaning regimes could remove the jointing sand leading again to paver destabilisation.

## The Solution:

During a CPD presentation to the Cambridge CC highways team and representatives from their term contractors, Atkins Global it was realised that an application of Resiblock 22 (a one pack moisture cured specialist pre-polymer urethane jointing sand stabiliser) would ensure no sand loss and it was subsequently specified. Resiblock 22 has been utilised to prevent jointing sand erosion in the most arduous of circumstances including jet thrust from aircraft movement on aprons.

## Benefits:

Easy application and requires no specialist labour; Resiblock 22 binds the jointing sand preventing its removal from both natural and manmade forces. It will inhibit weed and grass growth from the joint whilst providing a significant degree of stain protection. Once cured, it remains fully elastomeric thereby accommodating the small elastic deflections incorporated in the pavement design.

## Benefits at a Glance:

- One pack material / Easy application
- Prevents sand loss from cleaning regimes
- Inhibits the growth of weeds and grasses in the joints
- Virtually eliminates residual staining from chewing gum
- Maintains structural stability
- Significantly reduces maintenance costs



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