



CASE STUDY

Project: Burslem Public Realm
Client: Stoke-on-Trent City Council
Contractor: Keble Heath Construction
Paver Type: CBP & Chinese Sandstone
Area: 1,383m²
Product: Resiblock '22' & Resiblock '22' A.F
Date: November 2017



The Site

As part of Stoke-on-Trent City Council's plans for Burslem, the junction of Market Place and Westport Road has been overhauled in a bid to increase the safety measures associated with the increase of large vehicles in the area.

As part of these plans, it was also decided to remove the existing road from outside The New Inn pub and replace it with a widened area of newly constructed public realm space. The council viewed the new area of public realm as an opportunity to improve the appearance of the town centre, which would lead to more trade.

The Challenge

With the construction of a new paved area of Chinese Sandstone situated next to the refurbished Concrete Block Paved footway, the necessity of a polyurethane sealer for both areas to prevent staining from food and drink from the nearby The New Inn pub, combined with the requirement of providing sand stabilisation for the Market Place area denied the opportunity for just one Resiblock product to be used throughout the site.

The Solution

Due to the different paver types being used, Resiblock suggested the use of Resiblock '22', formulated for use on Concrete Block Paving (CBP), across the 832m² of Concrete Block Paving and Resiblock '22' A.F, specially designed to be used on Natural Stone, on the 551m² of Chinese Sandstone. The use of Resiblock '22' A.F was also suggested as it would enhance the colours of the Chinese Sandstone, which would help with the council's desire to improve the appearance of the area.

Benefits

Easy application and requires no specialist labour; both 'Resiblock 22' and 'Resiblock '22' A.F' binds the jointing sand preventing its removal from both natural and manmade forces. Both products 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, pedestrian footfall and heavy-duty trafficking
- Inhibits the growth of weeds and grasses in the joints
- Virtually eliminates residual staining from chewing gum, foodstuffs and oil.
- Maintains structural stability
- Significantly reduces maintenance costs



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