



Sealing, Stabilising, Protecting Paving

CASE STUDY

Project: Princess Road Roundabout Improvement Works

Client: Manchester City Council

Contractor: PP O'Connor Group Ltd

Site: Princess Road/ Mancunian Way Manchester

Area: 1,700m²

Product: Resiblock Resiecco

Date: April 2020



The Site

The Princess Road / Medlock Street roundabout beneath the Mancunian Way was replaced by two new link roads, with new and improved crossings for people on bikes and on foot, to create a safer environment while improving traffic flow to reduce congestion. The scheme was designed to ensure that the area of green space known locally as Rockdove Gardens was retained, with extra green space adjacent to the gardens also provided.

The scheme was part-funded by the Department for Transport's National Productivity Investment Fund (NPIF) and the Greater Manchester Mayor's Cycling and Walking Challenge Fund.

Problem

Manchester City Council realised that whilst the expected benefit of improving the safety and amount of 'green space' around the Princess Road Roundabout would be more walkers and cyclists, they also realised that the extra traffic would be detrimental to the long term lifespan of the paving on site. Fears of paver destabilisation, caused by sand loss through the added weight of footfall and vehicle traffic, saw Manchester City Council request the use of a joint stabilising sealer.

Solution

The City Council did not have to look far for the answer, as Resiblock could already show the successful history of Resiblock Resiecco following the sealing of Manchester United Football Club. Similar fears of footfall traffic had been the primary concern on Sir Matt Busby Way, but the success of Resiblock here saw Manchester City Council recommend the use of Resiblock Resiecco at Princess Road Roundabout Improvement Works.

Benefits

Stabilisation of the sand filled joint notwithstanding cleaning regimes and trafficking whilst imparting the following additional benefits:

- Prevents jointing sand loss from cleaning regimes & heavy footfall
- Significantly reduces staining by food and drink
- Virtually eliminates residual staining by chewing gum oils
- Inhibits the growth of weeds and grass in joints
- Environmentally friendly – solvent free



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