



Challenge

McDonalds Leeds reported problems with spalling of the Imprinted concrete paving to the DriveThru and also had concerns over how quickly the protective resin coating/concrete sealer was wearing off.

Brief

After attending a series of meetings with both the franchisee and regional manager Adseal.info were asked to prepare recommendations to:

1. Repair the spalled surface to an acceptable standard
2. Advise on the most appropriate sealer for longevity and resistance to oil and hydraulic fluid leaks, and general wear and tear.
3. Prevent the likelihood of similar spalling & premature sealer wear on future new projects

Remedials utilising Adseal 'Concrete Sealer' & 'PIC repair kit'

For repairs to the spalled areas of this project we recommended and supplied a '[PIC repair kit](#)', colour matched to the surface. This was hand worked into the damaged areas after suitable preparation. The



Repair Kit is a two pack system comprising quartz for strength and surface hardening, silica for bulk & workability and resin for binding and adhesion.

For re sealing this projects and future new projects we recommended our '[Adseal Heavy Duty](#)' [concrete sealer](#) which is much harder wearing and adheres more securely than the thermoplastic acrylics normally supplied in the UK.

At the same time as undertaking this project Mc Donalds Leeds were also cleaning off other paving and decided to utilise 'Adseal Heavy Duty sealer' to

help maintain the cleaned appearance. In addition this sealer also retains any granular jointing [e.g. sand in CBP] and its inbuilt UV filter helps dramatically reduce colour fade. As well as looking better a quality sealer will actually reduce wear on the protected paving and be easier to maintain, thereby reducing 'whole life' costs



Future Installations

The cause of spalling on imprinted concrete is often either the use of a cheaper Colour Hardener [which has been 'loaded' with pigment] or incorrect initial 'floating' of the colour into the concrete surface both resulting in a weakness and crusting of the surface which eventually will spall off leaving the concrete below exposed.

To prevent this in future we advised the use of a Colour hardener tested to and achieving BS8204 'Special category' such as '[Adseal Industrial Colour Hardener](#)' and adherence to 'good practice' installation as outlined on the reverse of every Adseal Colour hardener sack

Results

The Drive Thru at McDonalds Leeds was returned to an 'as new' finish and this and other paved areas were protected by the application of Adseal Heavy Duty Sealer.

Technical Advice

We have many years of technical experience and are pleased to assist in any way. Please do not hesitate to [email](#), call us on 01204 523973 or request a call back, if we can be of assistance

