

## Success Stories

Instarmac Group Plc is an award winning UK market leader in the formulation, manufacturer and supply of cement, resin and bitumen based products



An *INSTARMAC* Brand

## Yorkshire Water



**CONTRACTOR:**

Peter Duffy / Drains Aid

**SITE:**

Highways

**PROJECT:**

Yorkshire Water R & M Contract

**MATERIALS USED:**

Envirobed, M60, QC10, SCJ, IRR

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## Yorkshire Water

### Problem:

Contractors Peter Duffy, who had previously been using resin-based materials to reinstate ironwork, were struggling to overcome the environmental issues associated with the use of polyester resin - namely its disposal costs and environmental health & safety issues. Peter Duffy were in need of a range of products that would provide them with the same results as resin based materials but that were also environmentally friendly. The Ultracrete BBA/HAPAS Ironwork Reinstatement System was the answer.

### Action:

Peter Duffy's Directors attended a Material Awareness Training Day and Instarmac's Training and Site Support Team also went to site in Leeds to co-ordinate workshops and live demonstrations to highlight how the products perform. Following this Peter Duffy employed the full system to complete all their Ironwork Reinstatement projects.

The BBA/HAPAS system, has minimum anticipated service life of 5 years and represents a unique approach to the specialist aspect of ironwork reinstatement. It is fully approved as a first time permanent repair to footpaths, cycle tracks and class 2,3 & 4 carriageways.

Ultracrete's BBA/HAPAS system now includes Envirobed - a next generation environmentally friendly alternative to resin-based materials. Envirobed offers the same characteristics as a resin material but there is no 'special waste disposal' required as it is packaged in bags that contain recycled paper. The material can also be used in wet weather, thus reducing the likelihood of cost increases caused by Section 74 penalties & traffic disruption caused by inclement conditions.

Envirobed is also fully approved by the BBA/HAPAS as part of Ultracrete's Ironwork Reinstatement System.

### Results:

Reinstatement failures are never an option for any contractor and year to date there have been no issues or defects concerning the materials. By using Envirobed in conjunction with the full Ultracrete BBA/HAPAS Ironwork Reinstatement System Peter Duffy were also able to eliminate any possibility of split liability disputes often experienced when separate proprietary products are employed.

## MATERIALS USED

IRR



PY4

M60



Envirobed

SCJ



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