



Waterways Case Study

OnSite Solves Plastic Pollution Problem in Shrewsbury

Client: ASDA

Location: Shrewsbury

“Not only do these panels prevent the spread of pollution but their installation doesn’t detract from the locations aesthetic requirements, as we can supply this system in a range of colours to match client branding or natural colour schemes.”

Matt Barnett – OnSite Project Manager

The Problem

Litter is an environmental and ecological nightmare. Over time our rubbish breaks down into fragments of plastic that are washed into our water courses, poisoning wildlife and choking the ecosystem. An estimated 8 million tonnes of plastic waste enters our oceans annually, a high percentage of which is transported by main rivers out to sea.

The majority of litter is from used or excess packaging which has not been disposed of correctly and campaigns such as “Keep Britain Tidy” have focused on getting the public “to bin it, not drop it”. We’ve seen a shift in focus over the years to tackle the problem at source by encouraging manufactures of the waste, to reduce or re-use where possible, in an aim to limit the amount of waste generated when a product reaches the end of its life cycle. Many commercial & industrial organisations across the UK are starting to understand and acknowledge the impact that their activities have on the environment, as well as the negative publicity that is associated with unfriendly environmental and irresponsible practices.

Shrewsbury’s ASDA superstore is surrounded on two sides by a watercourse that connects directly into the River Severn and this stretch of river is known to be the home of a bevy of Otters. OnSite was approached by UK Landscapes to implement a pollution mitigation system that prevents litter and waste discarded and dropped in the store’s car park and petrol station forecourt entering the water course and waterside habitats.

The Solution

With a strict design brief stating we had to adapt pre-existing structures, OnSite had to design a barrier system that would upgrade the current fencing to become 100% more effective in stopping litter and waste from leaving the site. OnSite achieved this by installing 21 12ft “ASDA Green” glass reinforced plastic panels onto the front of the existing fencing structure. These panels have a minimum 25 year lifespan and are UV & impact resistant. This means they are maintenance free, never need to be painted and will add strength to existing road side structure. Bespoke anti-tamper fixings were designed to secure the panels in place and 75m of fencing was erected during the course of one day.

