



Case Study

Using recycled plastic lumber to stabilise and contain pathways and steps in a nature reserve in Accrington, Lancashire

Product: Recycled plastic lumber

Location: Plantation St, Accrington, Lancashire

Accessible for viewing: Yes (view map [here](#))

Requirement: To create a low maintenance pathway and steps in a damp woodland area, keeping erosion to a bare minimum and eliminating the trip hazards and other problems caused by rotting wood.

Solution: After removing the original eroded and degraded structure, the ground was levelled and prepared using light tools. The recycled plastic framework was constructed and then fixed in position using stakes made from 50mm x 50mm recycled plastic lumber before being refilled.

The pathway has been edged with 30mm x 100mm lumber to allow for a degree of undulation in the land whereas the steps have been built using 50mm x 100mm lumber to create a more rigid framework.

View a video of the site: <http://youtu.be/K3a3BsK-laE>



The pathway has been edged using thinner lumber to allow greater flexibility over the uneven terrain. It is held in place using 50mm x 50mm recycled plastic stakes cut to size on site.



The steps have been constructed using thicker 50mm x 100mm to create a stable and long-lasting structure that will neither rot, split, splinter nor leach chemicals into this sensitive environment.

For more information please visit www.britishrecycledplastic.co.uk
or phone us on 01422 84 55 22