

# Application Case Study



Project:	The Green Roof Centre	Location:	University of Sheffield
Products:	i-plas profiles		

## The Challenge

There is a significant increase in demand for green roofs, driven by planning laws and the desire for building developers and owners to ensure they are meeting their corporate social responsibility objectives.

The challenge for manufacturers of green roofs is to find materials that are durable enough to withstand the hostile environment, yet strong and lightweight as well. Ideally all materials used should complement the environmental concept of a green roof.

## i-plas Solution

i-plas supplied composite profiles made entirely from UK generated mixed waste plastic that would otherwise be destined for landfill.

The installation of i-plas material is the same as for timber as it can be cut and screwed using traditional tools and fixings.

These profiles were installed on the largest green roof test rig in the UK designed and built at the University of Sheffield and Groundwork at the Green Roof Centre.



Strong, ever-lasting support

## Client Benefits

i-plas profiles are ideal for this type of application as they are:

- Impervious to water so will not rot and lose their structural integrity
- A consistent quality, with no splits, knots or shakes
- Chip, crack and splinter proof
- As strong as traditional materials
- 100% recycled and 100% recyclable

*"The Green Roof Centre chose to use i-plas recycled plastic products for our research test rig due to their longevity, ease of handling and environmental credentials. We have been more than satisfied with all of the aspects and have the materials designed into future projects."*

Jeff Sorrill, Project Manager, The Green Roof Centre



i-plas profiles - ideal for this application

