

Location

Riverstation Restaurant the Grove,
Bristol BS1 4RB

SuDS Used

Sedum mat green roof.

How it works

There are two green roofs on the Riverstation building; one has mainly been colonised by grasses and the other is a more alpine style. The substrate and flora acts as attenuation and slows down runoff.

Specific details

The original concrete building was clad in a layer of external insulation and the green roof forms part of that over-cladding skin. The roof was protected with a layer of waterproof asphalt and a protective absorbent root barrier layer, to retain water and protect the waterproof layer from the substrate and plant roots.



Design and Construction

The green roof design was chosen to prolong the life of the underlying roof structure. A lightweight sedum mat green roof was chosen to minimise maintenance.

Lesson learned

When the roof was first installed there was no maintenance regime resulting in the Rivertation receiving negative feedback.



Maintenance

Maintenance is now carried out several times a year which consists of weeding and cutting back.

Team and Details

Architect – Mike Richards, Inscape (Montpelier)

Green roof Provider – Erisko-Bauder

Completion 1997

Size – Approximately 150m²