

# Project Report

## White Horse Inn, Brancaster Staithe



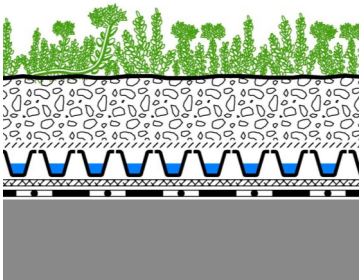
The sedum roofs on the natural stone building make a spectacular view with the marshland beyond.

### Conception

The White Horse Inn is gloriously situated on the marshland coastline of North Norfolk at Brancaster Staithe, an area of outstanding natural beauty with breathtaking panoramic views across tidal marshes and endless sandy beaches. Next to the main building eight garden rooms were built into the natural contours of the land and architecturally designed with grass and sedum roofing blending in with the marshland beyond.

To protect the rooftop waterproofing, the ZinCo protection mat SSM 45 was installed as a base layer of the green roof built-up. The two in one drainage element Floradrain® FD 25-RV provided in rolls with filter sheet attached was laid on top. A special blend of sedum substrate was applied to ensure optimum conditions for the plants selected. The installation of vegetation mats allowed for a quick ground covering.

### System Build-up



- Plant layer "Sedum Carpet"
- System Substrate "Sedum Carpet"
- Filter Sheet SF
- Floradrain® FD 25-RV
- Protection Mat SSM 45
- Roof construction with root resistant waterproofing

### Installation



The protection mat SSM 45 was laid out as a base layer protecting the root resistant waterproofing.



The Floradrain® FD 25-RV drainage element is provided in rolls and has an attached filter sheet SF.

**Project Data**

Area: ca. 250 m<sup>2</sup>

Construction Year: 1999

Architect/Design:  
Elkus-Manfredi, Boston, Massachusetts

Green Roof Provider:  
Alumasc Exterior Building Products Ltd.

System Build-up:  
"Sedum Carpet" with Floradrain®  
FD 25-RV

Coordinates:  
52°57'57.9"N      0°40'44.5"E

### Development



Depending on the season, the sedum roof shows in green or reddish colours blending in fabulously with the marshlands or the natural stone building.



A blend of sedum carpet aggregate was applied as a growing medium for the vegetation mats.

