

## Flood Alleviation Works at Tregaron



**Afon Brenning in flood prior to works** (*photo courtesy of Arup*)

Salix worked with Arup & Galliford Try on the Tregaron Flood Alleviation Scheme, to improve the very confined channel where the Afon Brenning flows through the town of Tregaron.

The aim of the project was to protect around 100 houses and businesses that had been subjected to increased flood threats. Constant flooding was a problem with this very flashy river where it passes through the town.

A steep, flashy catchment, combined with the close proximity of houses required a quick and effective solution.

The river is also part of a SSSI and SAC meaning any works had to take consideration of the ecological sensitivities including species such as Salmon and Ranunculus.

Rock rolls and blockstone were used to tie in the VMax Shear Stress Turf and prevent scour from abrasive bedload during large floods.

### Products Used

- **VMax™ Shear Stress Turf C350**
- **Rock Rolls**





Seven years later

Our VMax Shear Stress Turf C350 was designed into the project by Arup as part of a scheme that worked with natural processes to allow maintenance of healthy and dynamic river habitat within constraints.

The Shear Stress Turf withstands extreme flows, providing an excellent and well tested erosion control even in very high flow situations.

The award winning project was completed on time and has received high praise.

