

Parsons Footbridge



Details

Description	Footbridge over ravine in Dyfed.
Client	Unknown
Date of project	Unknown
Where FRP composites are used and why	Parson's Bridge footbridge crosses the Afon Rheidol not far from Devil's Bridge. An all composite bridge deck was used. The lightweight GRP construction made it possible to use a local helicopter to lift the bridge into place, avoiding the cost of bringing in a heavy freight helicopter from the North Sea. At the same time, because of the material's durability, maintenance costs will be minimal.
Type of composite used	GRP pultruded sections. The structure is a typical example of ACCS generating considerable savings in the total project cost when compared to alternatives using traditional materials.
Design details	The all composite structure consists of a single span, 17.5m long. 0.76m wide and weighs just 1 tonne.
Project partners	Maunsell Structural Plastics

Contact