

Conwy FAS



KEY DETAILS

PROJECT NAME :	Conwy FAS
CLIENT :	Team Van Oord.
LOCATION :	Llanrwst, Trefriw Conwy Valley North Wales
PROJECT CATEGORY :	Rivers and watercourses (High energy rivers)

Salix supplied 9000m² of NAG VMax3 Shear stress turf in September 2009. Just two months later the area experienced the worst flooding in 25 years of recording with floods exceeding the 1:30 year events of 2004/2005.

Flooding in Llanrwst and Trefriw occurred in February 2004 and January 2005 affecting many properties. Sections of flood embankment were in poor condition and had breached on a number of occasions. Part of the scheme involved lowering and protecting flood embankments to provide an alternative route for flood flows thus reducing water levels in Llanrwst;

The VMax3 Shear stress turf using NAG P550 was contract grown with a specified grass mixture to provide instant vegetative erosion protection on the lowered flood defences. NAG P550 within the turf offers permanent turf reinforcement, increasing the power of vegetation to withstand high velocity flow regimes of up to 7.6m/sec.

All parties concerned were impressed with the performance of the product, with Team Van Oord Project Manager Matt Phillips stating “The pre grown NAG P550 performed very well during a significant flood event. There was no flood damage to repair on the banks protected by the NAG P550”.



Shear stress turf delivered to site



Installation onto well prepared surface



Large flood event two months later



Aftermath of flood

CONTACT DETAILS

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