

# Sandwich Flood Alleviation and Spillway Scheme

The £21.7 million flood defence scheme involved works on 16 individual reaches of the river and it reduced the risk of tidal flooding to 488 homes and 94 commercial properties in Sandwich. Client – Jackson Civil Engineering working on behalf of the Environment Agency.



Salix worked with Halcrow during the early design stage of the £21.7million Sandwich Flood Alleviation Scheme, which involved works on 16 individual reaches of river.

Salix supplied 120,000m<sup>2</sup> of VMax C350 Composite Turf Reinforcement Matting (C-TRM) to protect the spillway slopes.

Potential duration of overtopping for the spillway was around 6 hrs, therefore a permanent, high performing reinforced vegetative solution was required.

Vmax C350 met the design brief by running design software looking at discharge, permissible/calculated shear stress, velocities and duration.