

## Railway Lane, Lewes

The Environment Agency are responsible for the river bank stability at Railway Lane, Lewes. The integrity of the existing blockwork facing was deteriorating as a result of the tidal inundation and draw-down cycles together with areas of groundwater seepages emanating from the slope profile.



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The Salix Rock Mattresses are all butted and mechanically stitched together with “hog rings” so as to form one continuous flexible revetment.

The pore-water pressure from the profile can be released through the fabric and porous rock sheet.

As the tides flood over the surface and retreat, so the engineered appearance will moderate with the accreting sediment that will lodge in the stone interstices.

Along with this process will come the opportunity for colonisation by plants, adding biodiversity and landscape value.