

Sustainable Construction Of A Nature Reserve's Access Road And Car Park In The UK



Nature reserve Northam Burrows Country Park is a Site of Special Scientific Interest and Area of Outstanding Natural Beauty. It is a stunning stretch of 253 hectares of grassy coastal plain,

sand dunes and salt marsh. When Torrridge District Council wanted an access road and Visitor Centre car park, sustainable construction was key, with the regulator stipulating no plastic to be used.

Naue Geosynthetics' biodegradable geotextile Secutex Green was the natural choice. The nonwoven is manufactured from organic, natural, renewable raw materials, and is certified as 100% biodegradable by TÜV Austria – a world leader in bioplastics certification. For the hardstanding area, three separate layers of Secutex® Green 30G1 GRK 2 was used. As the natural, living embankment and car parking area flourishes, the geotextile layers will biodegrade, eventually completing its task as nature takes over.



The work has ensured safe, year-round vehicle access to the site while meeting the sustainability demands the nature reserve deserves. Northam Burrows was the first project in the UK to use Secutex® Green – the first to be launched from Naue's 'GreenLine' range.

Company: Naue Geosynthetics Ltd
Client: Torrridge District Council
Location: Northam Burrows Country Park, North Devon, UK
Application: Construction of an elevated access road and car park using eco-friendly materials
Benefits: Carbon savings, conserves natural resources



INTERNATIONAL
GEOSYNTHETICS
SOCIETY

The International Geosynthetics Society (IGS) is a learned society dedicated to the scientific and engineering development of geotextiles, geomembranes, related products, and associated technologies. We are registered as a non-profit corporation.



To find out more, contact Naue Geosynthetics by emailing Christopher Quirk at cquirk@naue.com.

The IGS Sustainability Committee is committed to communicating the positive environmental impact of using geosynthetics, improving worldwide understanding of the sustainability benefits of geosynthetic materials, and supporting the geosynthetics industry maximize the sustainability potential of their projects. For more information, visit our webpage at www.geosyntheticsociety.org/sustainability.

Would you like your product or initiative featured here? Contact IGS Secretariat Manager Elise Oatman at igssec@geosyntheticsociety.org.