



Case Study: Bodnant Gardens, Tal-Y-Cafn, Colwyn Bay

Bodnant Gardens is an 80 acre National Trust property positioned above the River Conwy, housing an important Botanical collection, including a famous arch of Laburnham Trees. The project involved upgrading an existing forest track to provide a more usable surface and to protect the surrounding tree roots from compaction damage.

Work was carried out by the National Trust's contracting team using the 150mm deep Geoweb® which was chosen as the most suitable three-dimensional load spreading system as specified in APN12. APN12 details all requirements for construction within tree root protection zones all of which are met by the Geoweb Tree Root Protection system.

Once in place, the Geoweb panels were filled with a clean angular stone which would allow for the correct void ratio within the fill to ensure water and oxygen could still reach the tree roots. The Geoweb spread the loadings from passing maintenance vehicles laterally, reducing compaction to the ground surrounding tree roots.



Product
Geoweb® Tree Root Protection



Contractor
National Trust