



Japanese knotweed was identified on a site where refurbishment was due, including small extensions to the building and new paving to the outside space where Japanese Knotweed was located

Following a limited level excavation to remove most of the knotweed rhizomes in the soil, CuTex composite root barrier was installed horizontally and vertically to cap any remaining rhizome and prevent its return into site.

With extensions from the rear of the building planned, excavation for footings had to be conducted, providing the perfect opportunity to integrate CuTex into the concrete pour for the footings: this formed a continuous barrier to the knotweed, giving maximum protection to the property.

CuTex worked brilliantly in this scenario because the nonwoven geotextile surface provided a 'tooth' into which the wet concrete could bond, forming an incredibly robust barrier against re-ingress by knotweed rhizome. The design and construction of CuTex lends it a scope of application that traditional membranes cannot match.

Choosing CuTex for the installation created a reliable barrier against the Japanese knotweed, while preventing waterlogging in the soil. CuTex proved once again its versatility, whilst being both resilient and durable.

Project Information

Location	Havant
Product	CuTex Copper Composite
Installer	PBA Solutions

CuTex is a permeable geocomposite root barrier consisting of a copper sheet mechanically encapsulated between a woven polypropylene geotextile and a high strength nonwoven polypropylene geotextile. CuTex functions not only as a physical barrier, but also as a chemical barrier.

The benefits of using CuTex:

- **CuTex is Safe** – tested for biodiversity
- **CuTex is Permeable** – does not prevent water passage allowing for sustainable urban drainage
- **CuTex Inhibits Root Growth** – CuTex acts as both a physical and a chemical barrier to prevent the spread of Invasive roots.

For more information on CuTex please contact our Sector Manager Steve Worsley at sworsley@geofabrics.com