

CORE TRP.

A CE Certified cellular confinement system

What is CORE TRP?

CORE TREE ROOT PROTECTION (TRP) is a fully guaranteed, CE certified, no-dig cellular confinement system, specifically designed and engineered for ultimate tree root protection for all trees from pedestrian and vehicular traffic.

Often referred to as CELLWEB or PROTECTA WEB in the same way that bituminous macadam is called tarmac, *CORE TRP'S* unique cell size, cell depth and wall perforations combine to create a tried and tested method to laterally distribute the weight of traffic which in turn prevents subsoil compaction.

With expert design, *CORE TRP* forms a high load bearing, shallow permeable sub-base 'above ground' which will remain completely porous. Filtering out dangerous hydrocarbons at four times the rate of alternative TRP systems, laterally distributing the weight imposed by all traffic types, allowing gaseous exchange and continued permeation of water, oxygen, and nutrients to ensure protected tree roots stay healthy.

The technical properties of our TRP panels are independently tested and CE certified to ensure all industry standards are exceeded.

Fully Compliant 'No Dig' Subbase.

By using *CORE TRP* and adopting a no-dig, above-ground sub-base method within an RPA (Root Protection Area) you can be confident you are fully compliant with BS5837:2012 and the latest revision to APN12

(Arboricultural Practise Note 12) Through the Trees to development published 2007, AGN12 the Arboricultural Associations Guidance Note 12 – The use of cellular confinement systems near trees, published September 2020.

Why is Tree Root Protection Needed?

Due to the rate of urbanisation within the UK, it is becoming increasingly common to find trees located in areas of development with Tree Preservation Orders (TPOs). TPOs ensure the protection of mature trees, especially when construction work is being carried out nearby.

Our **CORE TRP** cellular confinement system offers a compliant solution to creating a pathway, driveway, car park, road, or track for permanent use or temporary site access. The system creates a three-dimensional erosion barrier and structural bridge that uniformly distributes weight-bearing loads preventing unwanted ground compaction in and around the feeder roots of the tree.