



THE TECHNOLOGY

Tree roots are associated with sidewalk failure. The failure is usually due to tree roots growing directly under the sidewalk surface since conditions, such as moisture and air, are most favorable for root growth. Ordinary soil is too easily compacted, and as a result, does not sustain deep root growth away from the sidewalk surface.

This technology is a stone-soil, hydrogel mixture which supports pavements, yet allows tree roots to grow freely. The mixture encourages deeper root growth by expanding the favorable rooting zone. The mix withstands the compaction necessary to provide pavement stability for sidewalks and planting locations next to city roads and pedestrian malls, while allowing urban tree growth and vigor.

Patent	US 5,849,069
Issued	Dec 15, 1998
Inventors	Nina Bassuk & Jason Grabosky
Licensee	Amereq, Inc.

THE PRODUCT

CU-Structural Soil®

CU-Structural Soil® is a new, revolutionary urban tree mix that can safely support pavements and sidewalks. It is designed to provide ample rooting area for street trees, leading to increased tree growth and decreased tree mortality and sidewalk failure.