



CU-Structural Soil®

Load-bearing Soil for Urban Environments

This Cornell University-designed soil (U.S. Patent #5,84,069) provides a healthy, load-bearing rooting medium for urban tree planting, as well as a rainwater attenuation system to help comply with SuDS obligations for urban development projects.

CU-Structural Soil is designed to be used where soil compaction is required such as under sidewalks, parking lots, medians, plazas and low-access roads. It is also used to grow trees in an urban concrete environment. This proven performer offers:

- Increased tree longevity and carbon capacity
- Reduced sidewalk heaving
- Rapid infiltration rate for stormwater capture

CU-Structural Soil is a mixture of gap-graded gravels (made of angular crushed stone), clay loam, soil components, and Gelscape® hydrogel—a stabilizing agent to keep the mixture from separating.

CU-Structural Soil should be used at a depth of at least 24" but preferably 36". It can be used right up to the surface grade where there is a pavement opening that is large enough to allow for tree installation.

This engineered is available by special order. Contact our Soil Specialists for additional information and delivery options.



Plaisted Companies is a sub-licensed supplier of *CU-Structural Soil*, providing this engineered soil to the 5-state area since 2003. Visit our website for additional information and links to technical brochures on this proven engineered soil.



Completed CU-Structural Soil® Projects

Streetscapes throughout

Minnesota

Alexandria, Broadway Ave.
Anoka, Main St.
Bloomington, Lindau Lane
Brainerd
Duluth
Eden Prairie, West 70 St.
Edina
New Hope, 49th & Zealand Ave.
Northfield
Osseo
Richfield
Rochester
Rockford
Sioux Falls
St. Louis Park
St. Michael
St. Peter, Broadway Ave.
Wayzata
White Bear Lake

Metro Area Projects

Central Corridor Light-rail
Apple Valley, Minnesota Zoo
Bloomington, Pan American
Burnsville, Nicollet Commons
Eagan Central Maintenance
Maple Grove Band Shell
Maple Grove, Central Park
Great Lawn
Maple Grove, Boston Scientific
Minnetonka, Opus
Minnetonka, United Health
Wayzata, Bay Center

Outstate Areas

Duluth, University of MN
Eau Claire, University of WI
Fargo, ND, Water Main
Forest Lake, City Center
Hastings, Riverfront Renaissance
Mankato State University
Minot, SD, Downtown Infrastructure
MNDOT, Hwy 169
Ramsey, Town Center
Sioux Falls, SD, Water Main

Minneapolis Streetscapes

Chicago Avenue
Lake Street
Lowry Avenue
Minnehaha Avenue
Nicollet Avenue
Washington Avenue

Minneapolis other Properties

Burgundy Place Apartments
City of Mpls., Paving Dept.
Hennepin County Gov't Center
The Interchange
Loring Park Condos
Mpls. Technical College
Minnesota Vikings Stadium
Nicollet Mall
Radisson Red Hotel
Skyscape Towers
Stonebridge Lofts
Target Field
Velo Flats
Xcel Plaza
Wells Fargo Towers
Westin Gallery

St. Paul Projects

CHS Field – Lower Grounds
Ford Parkway
Higher Ground
Minnesota Senate
Minnesota State Capitol
Mississippi Flats Condos
Phalen & Payne Avenues
Printers Row
Prior Avenue
Robert Street & Hwy 51
Snelling Avenue
State of MN, Dept of Human Services
The Penfield Condos

University of Minnesota Projects

Biomedical Building
Children's Hospital
Hanson Hall
Pleasant Street
TCF Stadium



Consistent quality. Reliable delivery.

Our experienced drivers, fleet of 45 trucks, and our GPS locator help set the standard for the most responsive delivery system in the 5-state area.

Our Guarantee

We deliver on our promise, or make it right.

Ordering Information

763.441.1100

To obtain more technical information or for a price quote contact dispatch.



**Plaisted
Companies**
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THE SOIL EXPERTS.