



CU-STRUCTURAL SOIL®

Technical Data Sheet

Structural Soil is a load bearing soil and growing medium. Researched, formulated, and patented by Cornell University, it is an innovative product offering an effective solution to creating and sustaining healthy green environments in urban areas.

Hermanns is a licensed producer of CU Structural Soil™.

- A uniformly blended mixture of crushed granite or limestone, clay loam and Gelscape® Hydrogel Tackifier.

MATERIAL:

Specified crushed Stone
Specified clay loam
Gelscape® Hydrogel Tackifier

UNIT OF WEIGHT:

100 units dry weight
20 – 25 units (to achieve minimum CBR of 50)
0.035 units dry weight

TYPICAL ANALYSIS:

pH	6.0 - 7.5
CEC (MEQ/100g)	> 20
Phosphorous (ppm)	10 - 60
Potassium (ppm)	80 – 250
Calcium (ppm)	< 5000
Magnesium (ppm)	100 – 300
Total Salts (mmhos/cm)	< 1.5
Percent Organic Matter	> 5