

DATA SHEET

# SKY GARDEN STOCKHOLM MIX STRUCTURAL TREE SOIL STM01

Version 1.0

## SKY GARDEN STOCKHOLM MIX STRUCTURAL TREE SOIL

Stockholm tree soil mix is a specialised soil blend designed to promote healthy tree growth in urban environments, particularly in densely populated areas like cities. This soil mix has been formulated to address the unique challenges that trees face in urban settings, such as compacted soil, limited root space, and pollution





## PERFORMANCE CHARACTERISTICS

- Improved water retention: Stockholm tree soil mix retains moisture effectively, ensuring adequate hydration for tree roots even in dry urban environments.
- Enhanced drainage: The mix facilitates proper drainage, preventing waterlogging and root suffocation.
- Reduced compaction: Its composition helps alleviate soil compaction, allowing tree roots to penetrate and establish more easily.
- Nutrient-rich: Stockholm tree soil mix is typically enriched with organic matter and essential nutrients, promoting robust tree growth and vitality.
- pH balanced: The mix is often adjusted to maintain a neutral to slightly acidic pH level, which is optimal for most tree species.

## PHYSICAL PROPERTIES

Particle size distribution	Composed of a balanced mixture of limestone, compost and BioChar to ensure adequate aeration, drainage, and water retention.
Organic matter content	Contains organic materials such as compost to enrich the soil with nutrients and improve its structure.
BioChar Enrichment (Carbon Gold)	Contains Carbon Gold's proprietary Tree Soil Improver to support healthier trees
Porosity	Designed to have sufficient pore space to allow for air exchange and water infiltration, crucial for root respiration and nutrient uptake.
Texture	Exhibits a friable texture that facilitates root penetration and growth while providing structural support for the tree.

## TECHNICAL PROPERTIES

pH	6.5 - 7.5
Salinity	Maintains a low salt content to prevent salt stress on tree roots and minimize the risk of soil degradation over time.



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