

Section 02910 PermaGro Media for Planting Beds

PART 1 – GENERAL

1.0 SUMMARY

- A. Section Includes:
 - 1. Planting Media
- B. Related Sections

1.01 REFERENCES

- A. ASTM – American Society for Testing and Materials
- B. USDA – US Department of Agriculture

1.02 DEFINITIONS

1.03 SYSTEM DESCRIPTION

A. Planting Media premixed containing the three components below:

- 40% Stalite Fines
- 30% screened loamy sand
- 15% compost
- 15% pine bark fines

PART 2 – PRODUCTS

2.01 MATERIALS

A. Stalite expanded slate fines “G gradation”

Sieve Size	% Retained
#4	20-27%
#8	47-65%
#16	64-78%
#30	75-85%
#50	82-90%
#100	87-95%
Fine Material	2.79-3.53 % passing #200

B. Screened Loamy Sand

1. Grain Size Distribution

- 88-92% Fine Sand
- 4- 5% Silt
- 2-4% Clay

C. Approved Component

1. Compost must be certified and derived from a non-sewage sludge feedstock source. The addition of yard waste to the composting process must also meet certification requirements.
2. Finished compost must be screened to minus 1/2", protected, and free from any outside contaminants during and after screening and curing.
3. Metals and contaminants must meet or exceed US EPA Standard 40

2.03 Mixes

A. Planting Media

Stalite Fines	40%
Loamy sand	30%
Approved Compost	15%
Pine Bark Fines	15%

3.02 PROTECTION OF SOIL MIXES

A. Contamination and Compaction

1. Do not deliver or place soils in frozen, wet, or muddy conditions. Do not place materials in an excessively moist condition.
2. When stockpiled, protect soils media from absorbing excess water and from erosion at all times. Do not store materials unprotected from large rainfall events. Do not allow excess water to enter site prior to compaction. If water is introduced into the material after stockpiling, allow material to drain or aerate to optimum compaction moisture content.
3. In handling materials, operating tools and equipment, protect the media from compaction by laying down planking or plywood as required for protection.
4. Pressure wash equipment prior to handling media to prevent weed seed contamination.

END OF SECTION

