

2.0 Stalite Planting Applications For Sodding Compacted Soils

2.1 Product

A. **STALITE PermaTill** Rotary Kiln Expanded Slate

1. ASTM C29 Unit Dry Weight loose (52 lb./cf to 55 lb./cf)
2. ASTM C127 Specific Gravity to meet 1.45 to 1.60, SSD

5/16" STALITE PermaTill Expanded Slate

3/8" - #8 (5/16") PermaTill Expanded Aggregate

Sieve Size	% Passing
1/2"	100
3/8"	80 - 100
#4	5 - 40
#8	0 - 20
#16	0 - 10

2.2 Tilling Stalite Into Existing Soil

A. Using a mechanical tiller.

1. Kill any undesirable vegetation with approved herbicide.
2. Remove dead vegetation and other debris.
3. Subsoil, disk or till soil to a depth of 8" to 12"
4. For a 50% amendment: place 4 inches of Stalite over the entire area to be sodded.
5. If organic matter is required, add 1" to 2" of an approved compost over the surface area to be planted.
6. Using a tiller, completely till the four application of Stalite (with compost) a minimum of eight inches deep into the soil.
7. Rake the surface smooth and install sand based sod as specified.