



Office: 303.985.0609

Cell: 720.363.0548

www.foremostsolutions.com

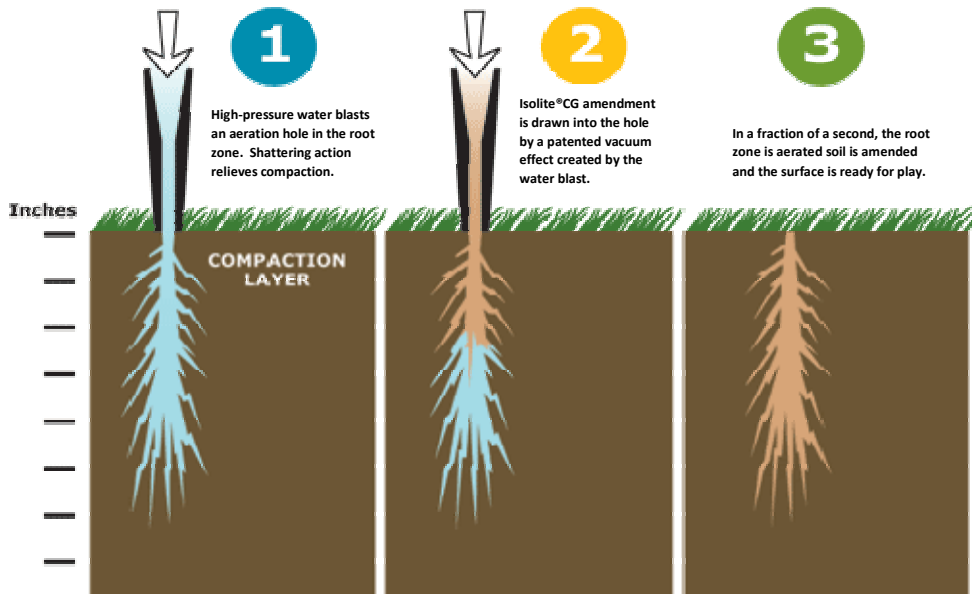
isolite@ix.netcom.com

Lakewood, Colorado

DryJect® - Isolite® CG Application in Turf Root zone Areas

DryJect® applications – DryJect is the choice for the application of Isolite®CG into the turf root zone area.

How it Works



Traditional core aeration is time consuming and requires several steps to return turf to a playable surface. DryJect® is a revolutionary service which, when added to your maintenance program, can reduce the need for core aeration and greatly amplify the benefits of sand amendments by distributing them into the ground more completely. DryJect's high-pressure, water-based injection system blasts aeration holes through the root zone to fracture the soil, while its patented vacuum technology simultaneously fills holes with amendment. Relieve compaction, increase water filtration, reach the root zone with oxygen and amend your soil all at the same time, leaving the surface smooth and playable.



DryJect allows you to:

- Aerate, amend and top-dress in one pass, allowing a smooth surface that's ready for play in an hour.
- Help new sod knit to the soil below by creating channels filled with amendment, allowing roots to penetrate deeper.
- Punch through sports turf, allowing better root proliferation.
- Combine soil modification with aeration for increased soil benefit.
- Apply up to 250% more material than traditional top-dress applications.
- Adjust aeration spacing and depth (up to 8 inches).
- ISOLITE®CG resists compression due to traffic and will not be affected by freezing temperatures.
- It is an extremely stable material and will not shrink, swell, or break down in the soil.
- It is not a significantly charged particle (E.C. of .1 to .4 mmhos/cm), has no interaction with sodium, and in fact, helps to leach salts from the soil.
- In addition, ISOLITE® has a propensity to buffer soil temperatures.

Diatomaceous Earth-based ISOLITE will never compact and will provide a free flow of air and water indefinitely. ISOLITE®CG assures this because of its mean pore size of 1.3 microns, compared with .078 microns of fired clays, and because the shape of the ISOLITE®CG is cylindrical, not angular.

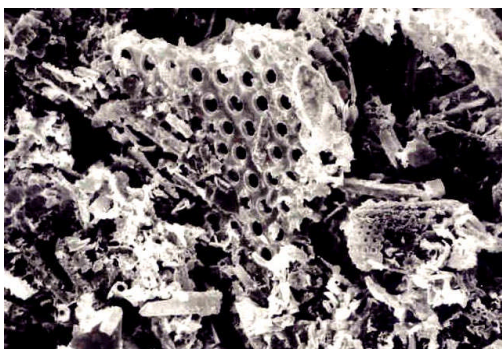
Technical Specifications:

- Median Pore Size is 1.3 microns
- Specific Surface Area is 49 square feet per each gram
- One Cubic Foot = 16 Acres of Surface Area
- 1 gram of **ISOLITE®CG** supports 2×10^7 bacteria for colonization (**200,000,000**)
- Weight of One Cubic Foot of **ISOLITE®CG** = 32 Pounds
- There are 1728 cubic inches in a cubic foot
- Chemically and Physically Inert; Will **Not** Breakdown

ISOLITE®CG Porous Ceramic Specifications:

- Standard Deviation (Based on volume) in Microns - **.0317**
- Standard Deviation (Based on surface area) In Microns - **.0034**
- Average Pore Diameter (4V/S) in Microns - **.1139**
- Bulk Density (g/cc) - **.949**

- Total Intrusion Volume (cc/gram) - **.5786**
- Total Percent Porosity - **74.18**
- Total Surface Area (m²/gram) - **20.42**
- Median Pore Diameter [Based on volume in Microns - **1.36**
- Median Pore Diameter (Based on surface area) in Microns - **.007**



Isolite®CG – 2mm