TRACEOLITE

Retain water and nutrients in the rootzone

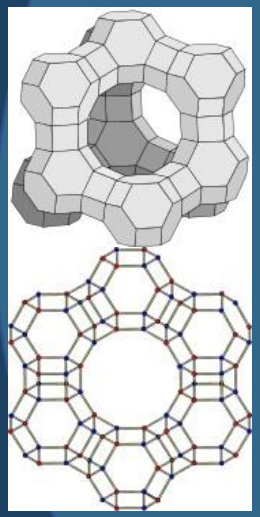
BENEFITS

- Boosts cation exchange capacity (CEC), re-mineralises poor soil
- Prevents water logging, hardens soft playing surfaces, extends winter play
- Relieves compaction, improves drainage and oxygen retention in the rootzone
- Increases water retention in summer and absorbs toxins in black layer
- Improves fertiliser utilisation increasing growth and reducing fertiliser costs
- Dramatically reduces leaching and chemical run off

N	P	K	MgO	Fe
0	0	3.5	1.2	1.9

Application guide: *For best results consult your Symbio representative.

J	F	M	A	M	J	J	A	S	O	N	D



Mineral and nutrient content	
Clinoptilolite	85 -100%
Other Zeolites	0 – 5%
Tridymite	0 – 5%
Cristobalite	0 – 5 %
SiO_2	65 - 72%
Al_2O_3	10-12%
CaO	2.4 – 3.7%
K_2O	2.3 – 3.8%
MgO	0.9 – 1.2%
Fe_2O_3	0.7 – 1.9%
Na_2O	0.1 – 0.65%
MnO	0.0.08%
P_2O_5	0-0.03%
As	< 2ppm
Cd	< 0.6 ppm
Pb	< 30 ppm
Hg	<0.1 ppm

PACK SIZE: 25kg

0.5 - 1.5mm

CONTACT US TODAY:

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The **Symbio** brand is part of **Origin Amenity Solutions Limited**.

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Technical Information

SAND BASED ROOT ZONES for sports turf are essential for maintaining quality surfaces by resisting compaction while maintaining adequate aeration, water infiltration and percolation. However, sand offers little capacity for nutrient or water retention. Conversely when compacted, it holds too much water and prevents plant growth.

How to apply:

To increase drainage, dry out and firm up the playing surface.
Apply 0.5Kg – 1Kg/m^2, (5-10 tonnes per hectare). Hollow core or solid tine the area to a depth of up to 5cm and brush Mineral TraceOlite into the tine holes.
To improve sward growth and reduce fertiliser use
Apply 50 – 100g/m^2 on its own through a cyclone or drop spreader. Micro tine the surface and brush or drag the Mineral TraceOlite into the holes.
Mineral TraceOlite may be mixed with top dressing, and may be applied at any time of year.

SYMBIO TraceOlite is a natural silicate volcanic mineral with unique physical, chemical and cationic exchange properties. Its three dimensional lattice allows for a very high cation exchange (CEC) (130 – 270meq/100g) and water holding capacity. The TraceOlite structure holds up to 40% of its weight in water, drying out thatch on golf greens and worn areas on heavily used pitches. The high CEC retains nutrients and releases them into the rootzone when the plant demands, reducing leaching. If TraceOlite is premixed with top dressing, percolation and porosity will be increased.

Symbio Mineral TraceOlite has a CEC of 150 - 190 meq/100g; pH 7 - 9 and an internal mesopore surface area 29m^2/g and micropore surface area of 11m^2/g.

Before application of Traceolite

After application of Traceolite

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