

# Sand



## SAND – SANTA CRUZ TOP DRESSING/BUNKER SAND

We start with our Golf Course Sand and further refine it to create these two products which meet the exacting standards of golf course superintendents. These products are ideal for top dressing greens and for bunkers located close to greens. Both meet USGA particle size specifications. The penetrometer value is 2.8 kg/cm<sup>2</sup>. The crusting value is “none” and the setup value is “moderate”. **Santa Cruz Top Dressing Sand and Bunker Sand** are produced on an as-needed basis so please call ahead for availability.

The Santa Cruz Sand plant is located along the California coastline just north of Santa Cruz, within the Second Emergent Marine Terrace near its coastward edge. The deposit consists of Santa Margarita sandstone and sandy gravel. Raw material includes small gravel, medium to fine-grained sand, clay, and silt. Sand color varies from light yellowish-green to beige-white.



## SANTA CRUZ TOP DRESSING AND BUNKER SAND

### PERCENT RETAINED SIEVE ANALYSIS

US MESH	MM	SANTA CRUZ GRADING	USGA RECOMMENDED
#10	2.0 mm	0.3	≤ 3%
#18	1.0 mm	5.0	≤ 7%
#35	0.5 mm	23.9	
#60	0.25 mm	52.1	≥ 60% Combined
#100	0.15 mm	12.9	≤ 20%
#270	0.05 mm	3.5	≤ 5%
% Silt	0.05 – 0.002 mm	1.2	< 5%
% Clay	<0.002 mm	<1.0	< 3%

### PHYSICAL PROPERTIES

Specific Gravity	2.71	Unit Weight	99 lb / pcf
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