

# Sand



## SAND – SANTA CRUZ GOLF COURSE SAND

**Santa Cruz Golf Course Sand** is a washed product designed for rootzone applications and top dressing fairways or sports fields. It can also be used as a bunker sand where a more coarse sand is preferred. This product's particle size meets USGA specifications for all three applications listed above. Typical infiltration rate is 35.8 inches per hour at a bulk density of 1.4 g/cc. The penetrometer value is 2.8 kg/cm<sup>2</sup>. The crusting value is “none” and the setup value is “moderate”.

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.

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### 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	2.56	Unit Weight	99 lb / pcf
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