

# Sand

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.



## SAND – SANTA CRUZ CONCRETE SAND

**Santa Cruz Concrete Sand** is a washed sand designed for use in concrete mixes. It tends to have a slightly higher water demand than other concrete sand and should not be used where concrete will be pumped over 50' through a 2" hose. (When pumping concrete over 50' we recommend FC Sand from our Aromas Quarry.) Concrete Sand is produced daily and is readily available.



## SANTA CRUZ CONCRETE SAND

### SIEVE ANALYSIS

US MESH	MM / UM	SANTA CRUZ GRADING	ASTM C-33
$\frac{3}{8}$ "	9.5 mm	100	100
#4	4.75 mm	99	95 – 100
#8	2.36 mm	97	80 – 100
#16	1.18 mm	84	50 – 85
#30	600 um	59	25 – 60
#50	300 um	17	10 – 30
#100	150 um	5	2 – 10
#200	75 um	3.7	

### PHYSICAL PROPERTIES

Specific Gravity	2.56	Unit Weight	99 lb / pcf
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