

Sand



SAND – WILSON FORMULATED CONCRETE SAND

Wilson Formulated Concrete Sand is a proprietary blended sand used by Graniterock for portland cement concrete. The sand was created in response to dwindling natural sources of quality concrete sand. The material is a blend of Wilson ¼" x #10 Rock, Granite Rock Fines, and Santa Cruz C-33 Sand.

The A.R. Wilson Quarry is located near the town of Aromas, California. It is bounded on the north by the Pajaro River and the San Andreas fault. Movement along the fault zone over millions of years has fractured and crushed much of the rock. Granite is generally a very hard, crystalline, coarse grained igneous rock, composed of feldspar, quartz, small quantities of mica or hornblende, minor accessory minerals and lesser amounts of dark ferromagnesium materials. Depending on the feldspar present, granite may be dark gray, or light gray. The granite material at the A.R. Wilson site has been classified as a hornblende gabbro of the Cretaceous Age. It is quarried from a narrowly exposed mass of plutonic rock which trends from Pajaro Gap on the northwest toward the southeast.



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SIEVE ANALYSIS

INCHES	MM / UM	A.R. WILSON GRADING	GRANITEROCK SPECIFICATION
#4	4.75 mm	96	90 – 100
#8	2.36 mm	87	65 – 95
#16	1.18 mm	76	50 – 85
#30	600 um	60	30 – 65
#50	300 um	29	15 – 35
#100	150 um	14	8 – 16
#200	75 um	9.3	4 – 10

ASTM SPECIFICATIONS & PHYSICAL PROPERTIES

Specific Gravity	2.63	Unit Weight	103.9 lb / pcf
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