

Sand



SAND – WILSON PROCESSED SAND

Wilson Processed Sand is primarily used as an ingredient in asphaltic concrete, meeting Cal Trans Section 39 requirements. It is also used as an ingredient for portland cement concrete meeting the Cal Trans Section 90 and ASTM C-33 specifications. In some cases it is also used as a bedding material for interlocking pavers and concrete slabs.

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.



WILSON PROCESSED SAND

SIEVE ANALYSIS

INCHES	MM / UM	A.R. WILSON GRADING	CAL TRANS SECTION 90	ASTM C-33
³ / ₈ "	9.5 mm	100	100	100
#4	4.75 mm	100	95 – 100	95 – 100
#8	2.36 mm	87	80 – 100	65 – 95
#16	1.18 mm	59	50 – 85	54 – 74; x = 64
#30	600 um	38	25 – 60	30 – 48; x = 39
#50	300 um	20	10 – 30	14 – 26; x = 20
#100	150 um	7	2 – 10	2 – 12
#200	75 um	4		0 – 8

ASTM SPECIFICATIONS & PHYSICAL PROPERTIES

Specific Gravity	2.71	Unit Weight	102.9 lb / pcf
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