

# Granite



## GRANITE – WILSON TYPE III SLURRY SEAL AGGREGATE

This crushed granite product is used specifically for Cal Trans slurry seal projects, and meets Cal Trans Section 37-8 for slurry aggregates. This aggregate is typically gray in color.

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 TYPE III SLURRY SEAL AGGREGATE

### SIEVE ANALYSIS

INCHES	MM / UM	A.R. WILSON GRADING	CAL TRANS SPECIFICATION
$\frac{3}{8}$ "	9.5 mm	100	100
#4	4.75 mm	80	70 – 90
#8	2.36 mm	55	45 – 70
#16	1.18 mm	39	28 – 50
#30	600 um	29	19 – 34
#50	300 um	20	
#100	150 um	16	
#200	75 um	11	5 – 15

### ASTM SPECIFICATIONS & PHYSICAL PROPERTIES

Sand Equivalent	≥ 65	Fine Durability	≥ 65
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