

Share the Success

SC Multipurpose Grout

Highway 1 Retaining Wall

Santa Cruz, CA

Contractor: Avar Construction



Avar Construction was tasked with building a retaining wall along Highway 1 in Santa Cruz, CA. This retaining wall would allow for the widening of the highway along this stretch. Using a technique known as "Soil Nailing" Avar would anchor the wall into the same hill it was to retain. Once the tiebacks had been set, a high-strength high-flow grout was needed to anchor the system in place. After careful review by project engineers Avar decided SC Multipurpose Grout was perfect for the job. Six thousand bags later, Avar Construction had successfully completed the first phase of the project.

- Over 8,000 psi when mixed to fluid consistency
- 8/10 flowability rating by ChemGrout Pumps
- Can be placed in depths of 3" neat and extended for deeper applications
- Excellent freeze-thaw resistance
- Versatile mix design allowing for damp pack to fluid application



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SC Multipurpose

- Non-shrink, Non-metallic grout*
- Non-metallic / non-corrosive
- Pourable / pumpable versatility
- Excellent freeze / thaw resistance
- Can contribute to LEED credits

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