



Specifications / Technical Bulletins

SCG # 3

Standard Gray Concrete

SECTION: _____: The contractor for Standard Gray Concrete shall provide conclusive proof that he is qualified to produce the Standard Gray Concrete paving and can comply with the provisions specified herein and shown on the plans. That proof shall be in three high quality installations, similar in scope to that specified herein. Evidence that the contractor is qualified to comply with the requirements specified herein shall be submitted to and be subject to the approval of the Architect.

The contractor shall provide the following:

- Materials: forming materials, concrete, reinforcing & curing compound
- Fine grading to $\pm .1'$
- Equipment for expansion & hand tooled control joints
- Curing compound installation
- Final clean-up
- Approved mock-up prior to construction start.

Concrete shall have a minimum compressive strength of 3,500psi. Portland cement shall conform to ASTM C 150, Type I, I-II or IV. Aggregate shall conform to ASTM C33 and shall be $\frac{3}{4}"$ or smaller. Mix water shall be fresh, clean and potable. An air-entraining admixture conforming to ASTM C 494 shall be used. Prescribed thickness shall be per plans. Slump shall be $4" \pm 1"$

Reinforcement shall be _____.



Installation shall be as follows:

1. The uncolored concrete mix shall be placed, screeded to the proper elevation & slope and floated to a uniform surface in the normal manner.
2. Tool joints shall be installed in the agreed upon layout and spacing.
3. Control and decorative joints shall be hand tooled into the concrete to account for random cracking and architectural gridding. Control joints shall be tooled to 1/3 of the slab thickness and decorative joints will be hand tooled or saw cut a maximum of 1/4" deep.
4. A broom finish or swirl finish shall be applied to the surface. Either finish shall be consistent across the entire slab with no visible differences in their application or appearance.
5. A well designed and installed control joint layout is meant to reduce the amount of random cracking in a slab, but will not eliminate the possibility of random cracking

Standard Gray Concrete paving is to be installed per standards and specification of:

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