



Specifications / Technical Bulletins

SCG # 2

Imprinted Concrete

SECTION: _____: The contractor for Imprinted concrete shall provide conclusive proof that he is qualified to produce the Imprinted 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, concrete, reinforcing, hardeners, release agents & sealer.
- Fine grading to +/- .1'
- Option: In vehicular applications, concrete shall be placed with Artevia or Davis integral color.
- Imprinting stamps, texture mats or other tools.
- Equipment for expansion, control & decorative saw cuts.
- Sealer system installation.
- Final clean-up.
- Approved mock-up prior to construction start.

Concrete shall have a minimum compressive strength of 4,000 psi. Portland cement shall conform to ASTM C 150, Type I, I-II or IV. Aggregate shall conform to ASTM C33 and shall be 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" +/- 1"

Reinforcement shall be: _____

Integral color shall be: _____

Color hardener shall be: _____

Release color shall be: _____

Pattern stamp shall be: _____



Installation shall be as follows:

1. The concrete mix shall be placed, screeded to the proper elevation and slope and floated to a uniform surface.
2. The color hardener shall be broadcast uniformly across the entire concrete surface to be imprinted per manufacturer's recommendations.
3. The color hardener shall be worked into the surface of the concrete.
4. The release agent shall be broadcast uniformly across the entire concrete surface to be imprinted per manufacturer's recommendations.
5. The imprinting stamps shall be applied to the surface of the plastic concrete.
6. Control joints shall be saw cut into the concrete to account for random cracking and architectural gridding. Control joints shall be cut at 1/3 of the slab thickness and decorative joints will be cut a maximum of 1/4" deep.
7. 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.

Imprinted concrete paving is to be installed per standards and specifications of:

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