



**Specifications / Technical Bulletins**

**SCG # 1**

Sandcrete™ Finish

Integrally colored Sandcrete™ concrete

SECTION: \_\_\_\_\_: The contractor for Sandcrete™ finish concrete shall provide conclusive proof that he is qualified to produce the Sandcrete finish 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, integral color, stains & sealer
- Fine grading to +/- .1'
- Concrete shall be placed with Artevia integral color
- Surface conditioner shall be: Top Cast by AP Chem
- Surface protection during construction
- Equipment for surface matrix removal
- 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 4,000psi. Portland cement shall conform to ASTM C 150, Type I, I-II or IV. Aggregate shall conform to ASTM C33 and shall be ¾" 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 \_\_\_\_\_.

Color shall be \_\_\_\_\_ as provided by Artevia or Davis colors.



Installation shall be as follows:

1. The integral colored concrete mix shall be placed, screeded to the proper grade and floated to a uniform surface in the normal manner and then hard troweled to a smooth finish.
2. The surface conditioner shall then be applied in a uniform manner across the surface.
3. The surface matrix shall be washed to provide a uniform sanded finish with no apparent smooth spots or depressions.
4. Control and decorative 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.
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

Custom Sandcrete™ concrete paving is to be installed per standards and specification of:

Silvercloud Construction Group

7124 S. Dillon Ct  
Unit 105  
Englewood, CO. 80112  
Phone: 303 243 5640  
Email: jay@silvercloudconstruction.com