



Specifications / Technical Bulletins

SCG # 4

Sculptcrete™

SECTION: 03300 : The contractor for Sculptcrete™ Concrete shall provide conclusive proof that he is qualified to produce the Sculptcrete™ Concrete 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, shotcrete, reinforcing, coloration system.
- Fine grading to $\pm .1'$
- Equipment for shooting shotcrete, texturing & carving tools, coloring tools
- Final clean-up
- Optional: Design services
- Approved mock-up prior to construction start.

Shotcrete 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 3/8". Mix water shall be fresh, clean and potable. Prescribed buildup thickness shall be per plans. Slump shall be 2" \pm 1"

Reinforcement shall be _____.



Installation shall be as follows:

1. The rebar shall be installed per the layout and rough shape from the plan.
2. The shotcrete shall be applied to the prescribed thickness and layout from the plans.
3. The plastic shotcrete shall be textured and carved per the desired and agreed upon rock look.
4. After a 28 day cure time, the shotcrete shall be cleaned and the various colors applied per the final desired color combinations.
5. The sealer system shall be applied to the Sculptcrete™ once the applied colors have cured to a surface dry condition.

Sculptcrete™ Concrete is to be installed per standards and specification of:

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