

Pebble Tec® Natural Pebble Pool Finish Specifications

1. **Surface preparation.** Proper surface preparation is essential and shall be inspected by Owner/Representative prior to placement of *Pebble Tec®* interior finish. All surfaces must be free of frost, paint, oil, grease, acids, and foreign matter.
2. **Thickness.** The *Pebble Tec®* interior shall be finished to a semi-smooth finish within limits of established trade practices for a *hand troweled* surface. Thickness of the material from the face of the gunite/shotcrete structure to the finished *Pebble Tec®* surface shall be no less than 5/16" thick.
3. **Material specifications.** *Pebble Tec®* materials shall conform to the respective specifications and other requirements as follows:

Cement shall be Type I Portland cement.

Aggregates shall be supplied by Pebble Technology, Inc. and will be blended according to formulas established by Pebble Technology to achieve the interior finish color specified.

Water shall be clean, fresh, potable and free of oils, acids, alkalis and organic matter injurious to a cementitious material.

4. **Mixing.** *Pebble Tec®* materials shall be mixed in mechanical mixers. Caked or lumped material shall not be used. Each batch shall be accurately proportioned by volume, based on color formulas establish by Pebble Technology, then mixed with the minimum amount of water until uniform in color and consistency. Re-tempering will not be permitted and *Pebble Tec®* material that has begun to "set" prior to application will be discarded.

Mix Proportions:

The *Pebble Tec®* mixture is a one-to-one ratio of cement and pebbles. The slump should be that greatest to allow proper pumping through a standard pool plaster pump.

Additives may be used to aid in the retardation or acceleration of the set time and will be determined on the jobsite at the discretion the crew foreman, based on condition of the shell, ambient temperature and various other factors.

5. **Machine Application.** *Pebble Tec®* pool finish coats shall be applied by means of an efficient plaster pump. Mix proportions shall be appropriate for use with these machines.
6. **Application.** A two-coat process shall be applied to all vertical shell surfaces and a one-coat process on all floors.



Additional Information

Temperature. The ambient temperature shall be above 40 degrees Fahrenheit 3 days prior to and during Pebble Tec® application.

Scratch coat. The scratch coat shall not be applied until the conditions under Surface Preparation (C.10-1) have been met. Scratch coat thickness shall be carefully controlled to fill surface irregularities.

Finish Coat. The finish coat, following the specified mix proportions, shall be pneumatically applied over the partially dry bond coat. The finish coat shall be floated to a semi smooth surface, then troweled in a manner that will achieve compaction of the aggregates that meet the standards for a Licensed Pebble Tec® Pool Finish Applicator.

Surface Cleaning. Following the application of the Pebble Tec® interior finish the surface should be washed by a trained Pebble Tec® Pool Finish Applicator. This will generally be performed after a minimum of 18 hours and up to 3 days set time, after which the fill water should be started.

