

Start Up Procedures for Pebble and Quartz Interior Finishes

Ensure Source water for fill has been tested

- PPR does not recommend same day acid washes. Cement paste binder requires time to take a good solid set prior to exposure to Muriatic Acid solution. Pebble and quartz finishes need adequate time for hardening and hydration to prevent being overexposed and or a blotchy or streaked appearance. After interior finish is applied allow min. of 12 hrs. to set prior to acid washing and pressure washing the interior finish. Follow Universal White Cement acid wash procedures. Immediately upon completion of acid wash operation begin filling pool with water hose. Place hose(s) at bottom of pool on or near main drain cover.
- Recommend using a "Pleatco 40k Filter" on end of hose to catch particulates that may cause staining. Wrapping clean, soft cloth on end of additional hoses is acceptable.
- Test pool water when pool is filled. **Record Results**

1st Day

1. **Always dilute all chemicals to be added to pool water. Add chemical to water, not water to chemical.**
2. Start filter pumps, by-pass heater for first 10 days.
3. Address ph level, Total Alkalinity and Calcium Hardness first.
4. **pH: Target 7.2-7.6**; If needed, dilute 1 gal of acid in 5gal bucket of water and add to pool. Spread around pool by broadcasting in front of return lines. Avoid pouring in front of skimmer(s). After 1st day ***Never add more than ¼ gal of acid at a time without consulting builder.***
5. If **Total Alkalinity: (TA) Target 80-120ppm**; exceeds 160ppm may need to add additional acid, acid will lower ph and TA. If TA is lower than 80ppm add appropriate amount of sodium bicarbonate. (Dilute first)
6. **Calcium Hardness: Target 200-400ppm**; If lower than 100 ppm, **dilute** and add Calcium increaser. Never add more than 10lbs at a time. If requires more than 10lbs, divide quantity in thirds and add each 1/3rd every 8-10 hrs., or morning and afternoon.
7. Brush Pool twice a day minimum.
8. Add Start-up Tec and 16oz of Orenda SC1000 as sequestering agent. Dilute first.
9. Operate filtration system 24/7 for 1st 30 days.
10. **Do Not** add Chlorine for 48 hours. **Do Not** turn on heater until plaster dust has been removed.

2nd Day

1. Test pH, Alkalinity and Calcium Hardness and repeat steps of 1st Day **except** for Step 8.

2. Adjust pH to 7.2-7.6, Alkalinity to 90ppm and Calcium Hardness to 200-400ppm. (Adjustments requiring more than 20 lbs. of CaCl_2 (Calcium Increaser) should be pre-diluted and added in 10 lb. increments- morning and evening).

3rd Day

1. Test pH, Alkalinity and Calcium Hardness and repeat 1st Day Steps **except** Step 8.
2. Pre-diluted chlorine can now be added if required to achieve 1.0-3.0 ppm. **No Salt should be added for 28 days.**
3. Brush entire pool surface at least twice a day to remove plaster dust.

4th Through the 28th Day

Follow NPC Start-Up Procedures: Additional instructions and **Langelier Saturation Index** can be found at www.npconline.org, as well as the copy provided in this manual.

- Chlorine can be added after the 3rd Day, **Do Not** shock until pool water is balanced.
- After 7 days backwash pool to Clean Filter. Sand Filter or D.E. Filter
- After 5 days vacuum pool using “brush vac head” only to remove plaster dust, do not use wheeled vac head for 14 days.
- Pool water should be balanced in 7-10 days. Follow LSI Maintenance procedures.
- After 10 days add additional 16oz of Orenda SC1000, maintain with 3oz per 10k gal weekly.
- Maintain target level **pH 7.5**
- Maintain target level **Total Alkalinity 90ppm, (80-120ppm)**
- Maintain target level **Calcium Hardness 300ppm (200-400ppm)**
- Maintain target level **Chlorine 1.0-3.0 ppm**
- Maintain target level **Cyanuric Acid 50ppm**