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Start-Up Procedures For Sider-Proof FF-PR – Roll-On Plaster

Allow **Sider-Proof FF-PR** to fully dry (minimum 48 hrs - depending on ambient temperatures) prior to filling the pool with clean water.

Additional drying time is recommended for indoor projects or projects in cooler ambient temperatures. Ensure that all signs of dampness in **Sider-Proof FF-PR** have dried and the coating is uniform in color.

Regardless of the amount of time the coating has air-dried, the following instructions must be followed starting with day 1.

At no time should any person or pets be allowed in the pool during the fill and start-up process.

For all pools, it is recommended to pre-dilute all chemicals with pool water in a pail prior to adding to the pool water. To ensure years of long-lasting durability, continually maintain a balanced water chemistry.

RECOMMENDATIONS

The pool will start to hydrate immediately after mixing, with the majority of hydration taking place within the first 28 days. This critical time period is when a finish is most susceptible to staining, scaling and discoloration.

Proper start-up procedures including constant monitoring and adjusting of the pool water is mandatory.

Due to unique local water conditions and environmental factors, parts of these recommended start-up procedures may need to be modified to protect the pool finish. For example: filling the pool with extremely low calcium hardness, low pH or low total alkalinity levels may necessitate changes to these procedures. Monitored chemical adjustments will be mandatory *during the service life of the pool surface.*

ALWAYS ADD A CHEMICAL TO WATER, NEVER WATER TO THE CHEMICAL

POOL FILLING DAY PREPARATION STEPS

1. Make sure the filtration equipment is operational.
2. Remove all floor return heads and directional eyeballs *(if appropriate and recommended in your geographical area.)*
3. Place a clean cloth on the end of the hose and place the hose in the main drain to prevent damage to the surface. If a water truck is required, 36 inches (90 cm) of water should be placed at the deepest area for the water cushion.
4. Fill the pool to the middle of the skimmer or specified water level without interruption as rapidly as possible with clean potable water to help prevent a bowl ring.
5. At no time should any person or pets be allowed in the pool during fill. Do not allow any external sources of water to enter the pool to help prevent streaking.
6. Test fill water for pH, alkalinity, calcium hardness and metals. Record test results.
7. Start the filtration system immediately when the pool is full to the middle of the skimmer or specified water level.

Start-Up Process:

Day 1

1. Once filled, pre-dilute and add a quality sequestering agent using the recommended initial start-up dosage per the sequestering agent's manufacturer.
2. High alkalinity should be adjusted to 80 ppm using pre-diluted Muriatic Acid (31-33% Hydrochloric acid). Always pre-dilute the acid by adding it to a five-gallon (19 L) Bucket of pool water.
3. Low Alkalinity should be adjusted to 80 ppm using sodium bicarbonate (baking soda).
4. pH should be reduced to 7.2 to 7.6 adding pre-diluted Muriatic Acid.
5. Operate filtration system continuously for a minimum of 5 days
6. You may use a soft bristle brush to stir/remove any calcium or other deposits
7. DO NOT add chlorine for 5 days
8. DO NOT turn on pool heater for 5 days

Day 2

1. Test pH, Alkalinity and Calcium Hardness and repeat steps 2-8 of **Day 1**.
2. Once the alkalinity is adjusted to 80 ppm and the pH is adjusted to 7.2 to 7.6, then adjust calcium hardness levels to a minimum of 150 ppm. (CAUTION: Adjustments requiring more than 20lb. of $CaCl^2$ should be pre-diluted and added in 10lb. increments- morning and afternoon.)

Day 3 & 4

1. Test pH, Alkalinity and Calcium Hardness and repeat steps 2-8 of **Day 1**.

Day 5

1. Test pH, Alkalinity and Calcium Hardness and repeat steps 2-8 of **Day 1**
2. Pre-diluted chlorine may be added to achieve 1.5 to 3 ppm.
3. Return filtration system to normal schedule

Day 6 to Day 28

1. Test pH, Alkalinity and Calcium Hardness and repeat steps 2-8 of **Day 1**.
2. Calcium levels should be adjusted slowly over the 28-day period not to exceed 200 ppm.
3. Adjust Cyanuric acid levels to 30 to 50 ppm based on the primary sanitizer of the pool (pre-dissolve and add through the skimmer).
4. **After Day 14** - For Salt chlorination systems, you may add salt. Predilute the salt to prevent it from landing & stagnating on the bottom and eroding the plaster.

Daily Water Chemistry After 28 Days

- Free Chlorine = 1 to 3 ppm
- Total Chlorine = 1 to 3 ppm
- Sequestering Agent as per Manufacturer's directions
- pH = 7.2 to 7.6
- Total Alkalinity = 80 to 120 ppm
- Calcium hardness = 200 to 400 ppm
- Cyanuric acid = 30 to 50 ppm (100 ppm is max)
- TDS = 300 to 1800 ppm (non-salt pools)
- Salt Level= according to the manufacturer recommendations (Salt chlorination ONLY)

- **Do not** add salt for 14 days in salt water systems
- **Do not** hard-bristle brush the coating or allow anything abrasive against the coating for 14 days.
- You may use a soft bristle brush to stir/remove any calcium or other deposits
- **Do not** use a manual wheeled vacuum system for 14 days.
- **Do not** use an automatic pool cleaner for four weeks.
- Additional drying time is recommended for indoor projects or during cooler temperatures.

Limitations

Due to the natural ingredients which make up **Sider-Proof FF-PR** or the nature of the substrate, the development of efflorescence may naturally occur and appear on the surface of **Sider-Proof FF-PR**. Unlike traditional plaster, **Sider-Proof FF-PR** may remain out of the water as long as desired without the risk of *check-cracking*. For complete product details, please refer to the installation instructions and specifications. This coating **cannot** be applied to painted surfaces, steel or fiberglass surfaces.

Attention

Sider-Crete, Inc. products shall be prepared, mixed and applied for its intended use in strict accordance with Sider-Crete's recommended mixture and application procedures and specifications. Defects in materials caused by improper storage, misuse, mishandling or failure to strictly follow the specific application specifications and procedures of Sider-Crete, Inc. for its various products are not warranted under any circumstances. Sider-Crete, Inc. shall not be responsible for any damage or injury caused in whole or in part by force majeure, structural movement nor any other damage or injury not solely and directly caused by a defect in Sider-Crete, Inc. products. Users and/or Purchasers agree that Sider-Crete, Inc. cannot accept any liability for omissions, errors, end-result of projects, or any cause or effects resulting from our recommendations. Users and/or Purchasers should contact their architect and/or engineer regarding the appropriate product to be specified and used for their project and acquire the latest products specifications, to ensure that any information used to make decisions about the product(s) is as up-to-date and complete as possible. All sales are subject to Sider-Crete, Inc.'s Terms and Conditions of Sales.