

6. Scrub (with stiff bristle brooms) muriatic acid mix over the pool wall & floor surfaces to remove all mildew, algae, grit and other foreign materials on the ceramic tiles & grout joints. Clean walls & floor in a systematic & organized manner. Final cleanliness of ceramic tile & grout will be determined in the sole discretion of the Contract Administrator. Repeat acid etching process in any areas not meeting the standard of cleanliness in the opinion of the Contract Administrator.
7. The acid should remain on the surfaces for around 2 to 10 minutes and should not be allowed to dry out during this phase.
8. After the acid etching has been completed, pressure wash (with potable water from the building supply) and scrub with stiff-bristle brooms all areas exposed to acids. Repeat this washing process at least a second time. Maintain ventilation during pool wash down. Provide air circulation to expedite drying of the pool surfaces. No white acid residue should be left when the pool surfaces are dry.
9. At the end of each work day, clean up work areas and seal & store acids properly.
10. The final etched grout surface should be clean and have the texture of medium grit sandpaper.

#### Grouting of Joints of Ceramic Pool Deck Surfaces

1. Prior to starting any grouting, insure surface is clean and dry. Wipe clean and absorb standing moisture.
2. Acceptable cementitious grout material is Laticrete 1600 Unsanded Grout & Laticrete 1776 Grout Enhancer. Alternate products to be approved by Contract Administrator.
3. Mix cementitious grout in a clean drum cement mixer (so the exact mix portions can be accurately measured & repeated). Add water first and then add cement powder until mix is plastic and lump free. Continuously mix grout until ready for application. Use (or dispose of) the batch prior to starting a new batch – do NOT add water & cement powder to a partial batch. Batch mix should not be standing more than 30 minutes from time of final mixing to its final installation. Move grout to pool area in plastic pales or wheel barrels (& mix with portable drill paddles if grout is standing longer than 5 minutes). Do NOT add water or powder to an already existing pale (that should be proportioned correctly).
4. Provide a small test sample area (3ft x 3ft) for review & acceptance by Contract Administrator prior to starting work.
5. Use only clean tools & continuously soak tools in water when not used.
6. Grout floors & walls in a systematic & organized manner starting at one end of the pool tank & work to the other end. Do not allow anybody from walking on grouted areas until grout is fully cured.
7. Trowel spread evenly over surfaces & scrap excessive grout away (including any grout on ceramic tiles). After grout has set, wipe tiles with damp sponge or cloth to remove any grout on tile surfaces.
8. Clean up work areas at the end of each work day. Barricade ladders & floor in new work areas for 24 hours or when not present at job site to prevent others from inadvertently walking across newly grouted floors.
9. Post "DO NOT ENTER" signs at all ladders to prevent dirt from being tracked in pool tank area.

## SK-6

Pool Tank Surface Repairs  
Pan Am Pool  
25 Poseidon Bay Winnipeg MB  
City of Winnipeg



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