

### Sandblasting of Concrete Walls

1. Protect ceramic deck nosing & ceramic floor tiles from sandblasting with duct tape or other protective materials.
2. Ensure that no loose sand & dust enters into floor drains, plumbing lines or ventilation ducting with secure, tight fitting solid, impermeable covers.
3. Provide dust containment with sheets, tarps & plastic during sandblasting. Provide direct exterior ventilation when not sandblasting. Wet-down blast areas to keep dust to a minimum.
4. Sandblast to remove all existing paints from the concrete tank walls. Start with a 2ft x 2ft sample area with Contract Administrator present to discuss acceptable removal of the paint. At the completion of the sandblasting, the walls should be to bare concrete.
5. Do not over sandblast & remove excessive amounts of solid concrete from face of wall but remove all concrete that is soft caused by the pool's corrosive water.
6. Contract Administrator to inspect all walls to ensure all wall paint has been removed prior to proceeding with concrete repairs.
7. Sweep & vacuum all loose sand daily and after sandblasting is complete. Thoroughly clean all floors & walls prior to starting concrete repairs.

### Repair to Concrete Walls

1. Concrete contractor to be a professional & experienced applicator using epoxy concrete.
2. The full extent of concrete repairs are unknown & cannot be determined until after the walls have been sandblasted. Repairing 250 sq ft concrete wall surfaces assumed within of the base bid price. Total concrete repairs to be site determined by contract administrator after sandblasting has been completed. Provide total costs of concrete repairs (assuming 250 sq ft of concrete repairs) with tender submission.
3. Repair all concrete surfaces that are uneven, damaged & rough so that finished wall surface is flat, smooth & vertical.
4. Repairs to consist of grinding and patching with an epoxy concrete. An acceptable product is Sikadur 32 Hi-Mod by Sika. Alternate products to be approved in writing from Contract Administrator prior to tender submission.
5. Follow all manufacturer's recommendation for proper preparation and installation of the epoxy grout. Allow sufficient time for curing of grouts before proceeding further with work..
6. Clean-up work area before proceeding including removal of all dropping and cement staining on ceramic floor tiles.

### Painting of Concrete Wall Surfaces

1. Painting to be by professional applicator with acceptable experience in using epoxy paints.
2. Provide necessary drop sheets etc. to protect surface from unwanted paint drippings, splatter etc.
3. Provide direct exterior ventilation during painting process.
4. Restrict all City of Winnipeg staff & other unnecessary construction workers from entering the work area during the painting process. Post "DO NOT ENTER" signs at all doors.
5. Ensure all painted surfaces are clean, smooth and free of dust & moisture. Clean & dry all wall surfaces as required.
6. AMERLOCK 400 (2-part epoxy paint) by PPG Protective & Marine Coatings is to be used. Follow manufacture's storing, mixing, applications & curing procedures.
7. All paint to be new and from full containers. Partially full paint containers from other projects are not acceptable. All painting equipment to be clean & in new condition without contamination from other painting products. Store all paint to be used at the construction site in a secure area. Do not bring other paints onto the site later without approval from the Contract Administrator.
8. Color to match existing painted surfaces or as directed by Contract Administrator.
9. Contract Administrator to examine paint containers prior to starting work. Paint container labels are not to be modified, removed or alternated in anyway.
9. Apply 2 coats of 4-6mil thickness AMERLOCK 400. Allow sufficient curing time between coats as recommended by manufacturer. Apply 3rd black AMERLOCK 400 coat for pool marking as per the original markings. Apply all coatings with consistency.
19. Contract Administrator to inspect all work between each coat.
11. Remove, repair, replace & touch-up as directed by the Contract Administrator all painting that is in the sole opinion of the Contract Administrator not acceptable.
12. Clean up any paint not on the walls immediately. Leave entire work area in clean & neat order.

# SK-5

Pool Tank Surface Repairs  
Transcona Centennial Pool  
1101 Wabasha St Winnipeg MB  
City of Winnipeg



**GC ENGINEERING LTD.**  
**675 ELM ST.**  
**WINNIPEG MB R3M 3N8**  
**PH (204) 793-3948**  
**EMAIL CALGRAY@LIVE.CA**