

## **SPECIFICATION FOR THE APPLICATION OF ACRYLIC COATINGS FOR TENNIS COURTS AND SPORT COURTS**

### **1.0 Scope**

This specification pertains to the colour coating surface application of an asphalt tennis and sport court.

### **2.0 Materials**

All material is 100% acrylic no inferior asphalt emulsion or asphaltic concrete material shall be used. Surfacing materials will not contain; vinyl acrylics, ethylene glycol, asbestos, or mercury.

2.1 Court Patch Binder World Class Patch Binder (All World Class products are supplied by Marathon Surfaces: 604-878-0625) is a polymeric concrete modifier developed for the purpose of patching low areas. Patch binder is mixed with silica sand and Portland cement to manufacturer specifications.

2.2 Acrylic Resurfacer World Class resurfacer is an acrylic emulsion which is mixed on site with 50-70 mesh silica sand and water. Rate of application is 0.5-0.7 gallons of undiluted product per square meter.

2.3 Colour Concentrate World Class Colour Concentrate is a coloured emulsion which is mixed with a 50-100 mesh rounded silica sand and water. Rate of application is 0.08 gallons of undiluted product per square meter. The speed of play can be adjusted by varying the size and amount of rounded silica sand.

2.4 Line paint World Class textured line paint.

### **3.0 Submittals**

The contractor shall submit product specifications which will indicate pigment and acrylic concentrations and submit sand sieve analysis.

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### **4.0 Installation**

- 4.1 The surface shall be inspected for deficiencies
- 4.2 The surface shall be pressure washed using a 3000 PSI pressure washer
- 4.3 The surface shall be flooded and depressions that are holding water after 45 minutes will be filled using World Class Court Patch Binder. After the patch work is completed the surface will be flooded again and an owners representative shall sign off on the patch work. If more patching is need the process shall be repeated.
- 4.4 The court surface will be scraped and cleaned by a mechanical blower
- 4.5 One coat of World Class Resurfacer shall be applied over the court surface using a 50 durometer rubber squeegee. Once dry the court will be scraped and cleaned using a mechanical blower
- 4.6 Two coats of World Class Colour Concentrate and rounded silica sand shall be applied over the court surface using a 50 durometer squeegee. Size of sand to be dictated by the court speed. The court will be scraped and cleaned by a mechanical blower between coats
- 4.7 An additional coat of World Class Colour Concentrate may be applied
- 4.8 Two coats of World Class textured line paint shall be bush applied. All lines shall meet ITF specifications.

### **5.0 Limitations**

Application temperature will be over 10°C and rain is not imminent.

### **6.0 Warranty**

The contractor shall warranty all material and workmanship for a period of two years from the completion of the project against; peeling, surface cracking, blistering, fading, and excessive wear. The warranty will not cover damages as a result of base deficiencies.