

## **Specifications for Landsafe – Waterparks and Pool Decks Poured in Place Rubber Safety Surfacing**

### **Part 1 - General**

**1.1 Section Includes:** Resilient surfacing Poured-in Place system

**1.2 Related Work:** Sub-base and playground equipment

**1.3 Description:** Provide all material, equipment, and labour for the installation of the poured-in-place surfacing

**1.4 Quality Assurance:** The manufacturer shall have been installing poured in place surfacing for a minimum of five years, independent fall height data according to ASTM 1292, and all installations shall be done by manufacturer certified technicians.

### **Part 2 - Submittals**

**2.1** Manufacturer product literature, installation specifications, and MSDS

### **Part 3 - Products**

**3.1 Product:** Land safe – waterparks and pool decks

**3.2 Manufacturer:** Marathon Surfaces Inc.: Surrey, B.C. Canada, 604-878-0625

**3.3 Description:** A rubberized safety surface, which consists of a wearing course. The wearing course is composed of 1-3mm rubber granulars installed to 12mm depth. Wearing course is bound together by a 100% MDI moisture cured polyurethane binder.

**3.4 Materials:** Land safe is manufactured from SBR and EPDM rubber, which is mixed with 100% MDI moisture, cured polyurethane binder.

### **Part 4 - Installation**

**4.1 Wearing Course:** Rubber granulars are mixed in a mechanical mixer with the binder. The mixing ratio of binder to rubber is 21% by weight. The mixed product is trowled on top of prepared concrete or asphalt sub-base. Colour choices and blend ratios to be selected by the Owner.

**4.2 Quality Control:** The surface level shall not vary more than 5mm over 3m and the rubber blend shall be even and consistent.

### **Part 5 - Warranty**

**5.1** The manufacturer will provide a five-year warranty against, delaminating, premature wear, and colourfastness.