

Specifications for LANDSAFE poured-in-place rubber surfacing

1.0 General

- 1.1 Section Includes: Resilient safety 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 rubber surfacing
- 1.4 Quality Assurance: The manufacturer shall have installed poured-in-place rubber safety surfacing for a minimum of five (5) years in the province of British Columbia. Manufacturer shall provide three (3) installation references. Manufacturer shall have independent fall height data according to ASTM 1292 and all installations shall be done by manufacturer certified technicians.
- 1.5 Installers: Rubber safety surfacing installer shall be a Canadian Certified Playground Inspector (CCPI) and be present on site at time of installation. Installer must have references for installing ground stabilization products.
- 1.6 Bonding: Installer shall have capability in providing Performance Bond and Labour Material Bond

2.0 Submittals

- 2.1 Manufacturer product literature, installation specifications, fall height testing, and MSDS specifications

3.0 Products

- 3.1 Product: **LANDSAFE**
- 3.2 Manufacturer: Marathon Surfaces Inc.: Surrey, BC Canada, 604-878-0625
- 3.3 Description: Poured-in-place safety surface which consists of a base mat and a wearing course. The base mat is composed of 100% SBR recycled rubber. The wearing course is composed of 1mm to 3mm EPDM rubber granulars. Both the base mat and the wearing course are bound together by a 100% MDI moisture cured polyurethane binder.
- 3.4 Materials: **LANDSAFE** is manufactured from SBR and EPDM rubber which is mixed with 100% MDI moisture cured polyurethane binder.



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4.0 Installation

4.1 Base Mat: Rubber is mixed in a mechanical mixer with the binder. The mixing ratio of binder to rubber is 15% by weight. The mixed product is trawled to depth on a prepared sub-base. Thickness of rubber will depend on the fall height requirements.

4.2 Wearing Course: Rubber is mixed in a mechanical mixer with the binder. The mixing ratio of binder to rubber is 21% by weight. The mixed product is trawled on top of the base mat which has been primed with a 2-1 binder-xylene mixer to a depth of 13mm.

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

5.0 Warranty

5.1 The Manufacturer will provide a three (3) year warranty against, delaminating, premature wear, and colorfastness.