

ARCHITECTURAL SPECIFICATION: WATERPARKS

Fortkote EPDM Rubber (Poured-in-Place)

GENERAL REQUIREMENTS

Fortco Limited **Fortkote** (Poured-in-Place) is a seamless aquatic rubber play surface consisting of UV-stable E.P.D.M. rubber granules combined together with a highly sophisticated polyurethane binder. Designed and installed exclusively by Fortco Ltd. to meet and surpass all current CSA standards.

TESTING

Tested in accordance to A.S.T.M. F-1292 Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment. "Fortkote" has been tested according to A.S.T.M F-1292 , C.S.A. and meeting CPSC standards for playground surfacing and providing a GMAX of less then 200 and a HIC of less then 1000. "Fortkote" (Poured-in-Place) has been tested to meet all CAN/CSA-Z614-07 Standards on Children's Playspaces and Equipment. A National standard of Canada.

QUALITY ASSURANCE

- 1.0 Installer shall have at least five (5) years proven experience in the industry and approved by product manufacturer;
- 1.1 Submit 300mm x 300mm product samples in specific color and specified thickness;
- 1.2 **Fortkote** safety surface will only be installed when temperatures exceed 10 Degrees C. Installation during dry weather conditions is recommended.
- 1.3 **Fortkote** will require a minimum of 24-48 hours for curing period.
- 1.4 **Fortkote** installed by Fortco Limited. Tel: (416)720-1450 • Fax: (905)825-5887
Web site: www.fortco.ca • Email: sandro.forte@sympatico.ca

COLOURS

FORTKOTE COLOURS (UV-stable EPDM): Blue, Forest Green, Emerald Green, Terra Cotta, Brown, Beige, Yellow, Orange, Purple, Teal.

MULTI-SPECKLE: Combination of the above **Fortkote** colours at a 10%, 20%, 50% ratio enabling client to design their own aquatic area colour. Custom logo and graphics available.

INSTALLATION - BASE PREPARATION

- 2.0 Fortco Limited **Fortkote** can be installed on a asphalt or concrete surfaces.
- 2.1 A water percolation rate of 60 liters/M2/hour.
- 2.2 Asphalt or concrete surfaces require a slope of no less than 2% to drain, acknowledging that **Fortkote** is a water permeable surface.
- 2.3 Base can be sloped up to 30 degrees within the installation area.

THICKNESS OF POURED-IN-PLACE

- 3.0 **Fortkote** to be applied at a minimum thickness of 5-8mm, using UV-stable E.P.D.M. rubber granules ranging from 2.5mm to 3.5mm in size.
- 3.1 Polyurethane binder shall be mixed throughout the entire thickness.
- 3.2 Bevel is installed at the perimeter of the installation running from the thickness of the surface down to the base. The outside line of the bevel must be clear and follow the designed edge of the installation.

IMPORTANT NOTICE

It should be noted that EPDM coloured surface will appear to have a yellow tinge to the finish after installation. This is caused by the reaction urethane resin coating on the rubber granules when in contact with Ultra Violet light. This is a short term reaction until the natural effects of fading occur as the curing process proceeds. This process of “burning back” to the natural colour occurs more quickly with outdoor surfaces. Taking approximately 14 days with direct sunlight.